KEY EDMONTON DEMOGRAPHIC INDICATORS, 1984

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EXECUTIVE SUMMARY

The "Key Edmonton Demographic Indicators, 1984" is a general overview of various aspects of Edmonton's demography.

The study is based on the information from the civic census, 1983 and it offers estimates of various sub-groups of population and households for 1984 and presents a city-wide forecast to 2001.

The major findings of this study are as follows:

i) Edmonton's population reached 564,000 persons in 1984, an increase of 4,000 from 1983 (0.8% population increase). This compares with a population increase of 9,000 between 1982 and 1983 (1.5% increase) and 30,000 between 1981 and 1982 (5.8% increase). The bulk of this increase occurred in Mill Woods.

ii) Edmonton's population, one of the youngest urban populations in Canada, has an average expectation of life at birth of 73 years for males, and 80 years for females (higher than Alberta and Canada).

iii) Women in Edmonton have on the average 1.8 children during their life cycle. The average age of mothers at childbirth in Edmonton is 27 years.

iv) The percentage of young persons in total population is decreasing. This decrease is expected to continue during the period 1984-2001. In absolute numbers, however, the population of young persons will continue to grow moderately. The percentage of persons 65 years of age and older (and their absolute numbers) is expected to increase continuously towards 2001.

of households in most of the city's subareas. Average household size fluctuates between 2 to 3 persons per household in most of the city's subareas. A slight increase in average household size has been detected in many of the subareas in the past two years. However, the average household size in the city fell from 2.78 in 1978 to 2.64 in 1983.

vi) Edmonton's birth rate is substantially higher than that of the rest of Canada (approximately 19 live births per thousand population in Edmonton versus about 15 per thousand for the whole country). As well, Edmonton's birth ratio has been increasing since 1974. The relatively high birth rate and its significance for local population growth requires that it be monitored yearly.

The Planning Department estimates indicate that between spring 1983 and spring 1984, the City of Edmonton lost about 3,000 persons due to migration. It is expected that toward the end of the 1980's the city will have a positive migration balance of up to 2,000 persons per annum, as the local economy experiences growth. The balance of migration is then expected to increase gradually, reaching 6,000 migrants per annum from 1993 on.

viii) A theoretical measure of long-term population increase, based on the present regime of fertility and mortality, indicates a negative rate of population growth for Edmonton. Under present conditions of mortality and fertility, all considerations of migration excluded, the population of Edmonton would tend to decrease in the longer run (50 years or less). Under these assumptions, Edmonton's population by 2001 will be at replacement level only.

v) There has been a modest increase in the numbers of households in most of the city's subareas. Average household size fluctuates between 2 to 3 persons per household in most of the city's subareas. A slight increase in average household size has been detected in many of the subareas in the past two years. However, the average household size in the city fell from 2.78 in 1978 to 2.64 in 1983.

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ix) The Planning Department uses two approaches in dividing the city into geographic subareas. The first division is into twelve subareas referred to as Districts. The other division is into 244 neighbourhoods.

- The District with the largest number of households is District 9 (almost 22,000 in 1983), and the area with the smallest number of households is District 8 (just over 8,000 in 1983).

- The District with the greatest number of persons is District 11 (over 61,000 in 1983), and the District with the smallest number of persons is District 1.

- The two fastest growing neighbourhoods are Dunluce (District 5) and Callingwood South (District 8).

CHAPTER I

INTRODUCTION

The purpose of the "Key Edmonton Demographic Indicators, 1984" is to provide a comprehensive demographic information base for the Planning Department, for other City Departments and for agencies engaged in planning for human services.

This report provides information on current demographic and selected social characteristics of Edmonton's population, as well as a population forecast for the city. The review of current demographic characteristics refers to the age-sex structure, fertility, life expectancy, mobility and household characteristics. The population forecast is given by age groups to the year 2001. Most of the information refers to the City of Edmonton proper. However, references are made also to some other administrative areas beyond the city's boundaries (see Figure 1.1).

In this report twelve subareas set out by the Planning Department for its District Planning Program are used for the discussion on the City's demography. These subareas are also consistent with the Human Service Delivery System areas of the City of Edmonton Department of Social Services. The Edmonton subareas covered by this report referred to as Districts (see Figure 1.2).

The current demographic information is provided both for the twelve Districts and for the city. The population forecast, however, is provided only for the entire city. A demographic outline of Edmonton's human services is also given in this report. In conjunction with the population forecast, the human service demographic characteristics can be utilized for the forecasting of needs for human services in the city.

Most of the information is for 1983 and 1984. Information is provided also for the years 1976 and 1981, to facilitate a comprehensive comparison. The population forecast to 2001, as adopted by the City's Population Guidelines Committee, is also included in this report.

The major source of demographic data for this report was the Edmonton civic census which had been conducted annually in the spring until 1984. Death and birth statistics were provided by Alberta Social Services and Community Health (Planning Secretariat). Some of the city's demographic statistics for 1976 and 1981 were obtained from the federal census.

Specific findings are reviewed in Chapters 2 and 3. Detailed population forecasts for the City of Edmonton are provided in Chapter 4 and a demographic summary of Edmonton's human services is given in Chapter 5.

FIGURE 1.1

BOUNDARIES OF THE CITY OF EDMONTON AND SURROUNDING AREAS, 1983

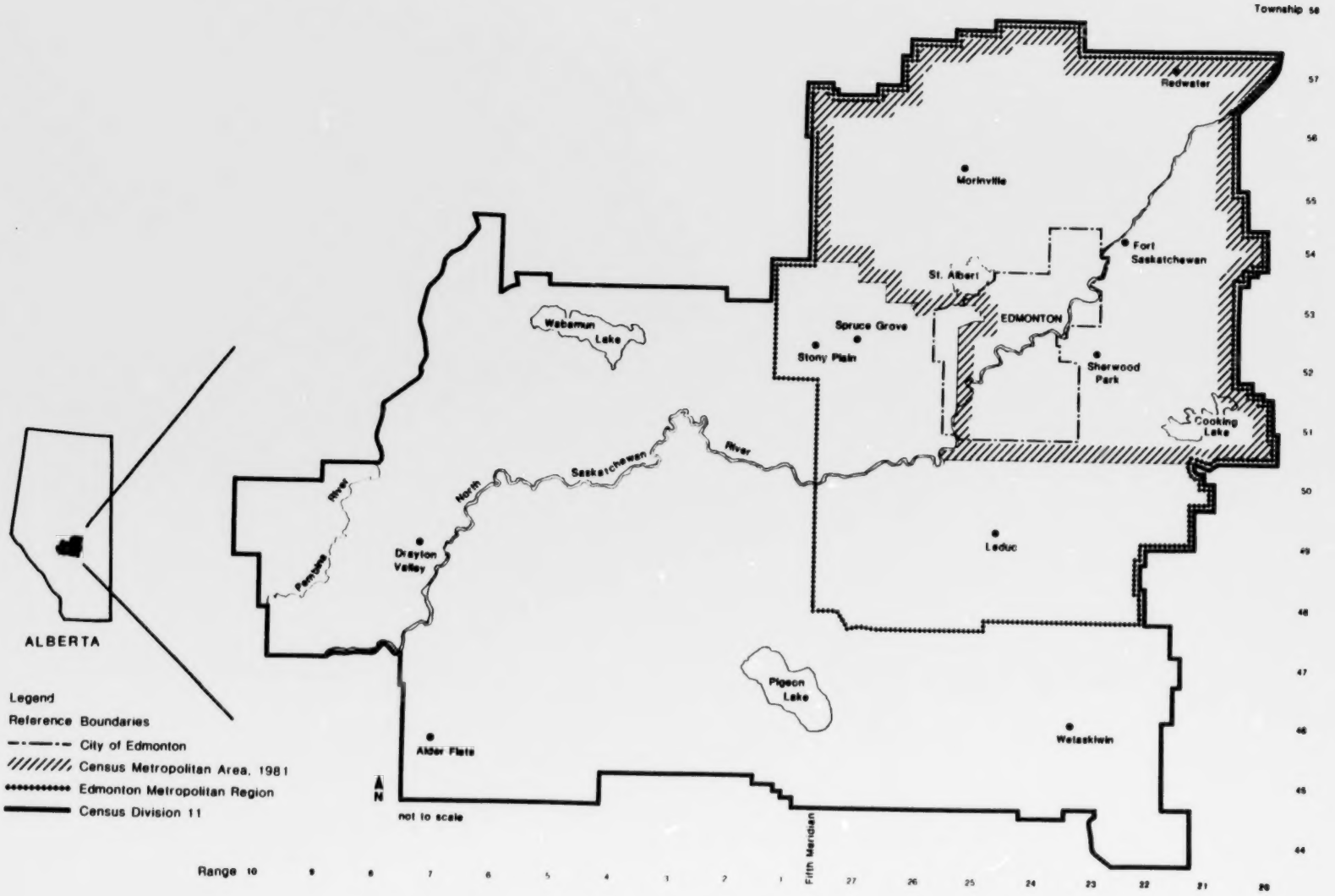
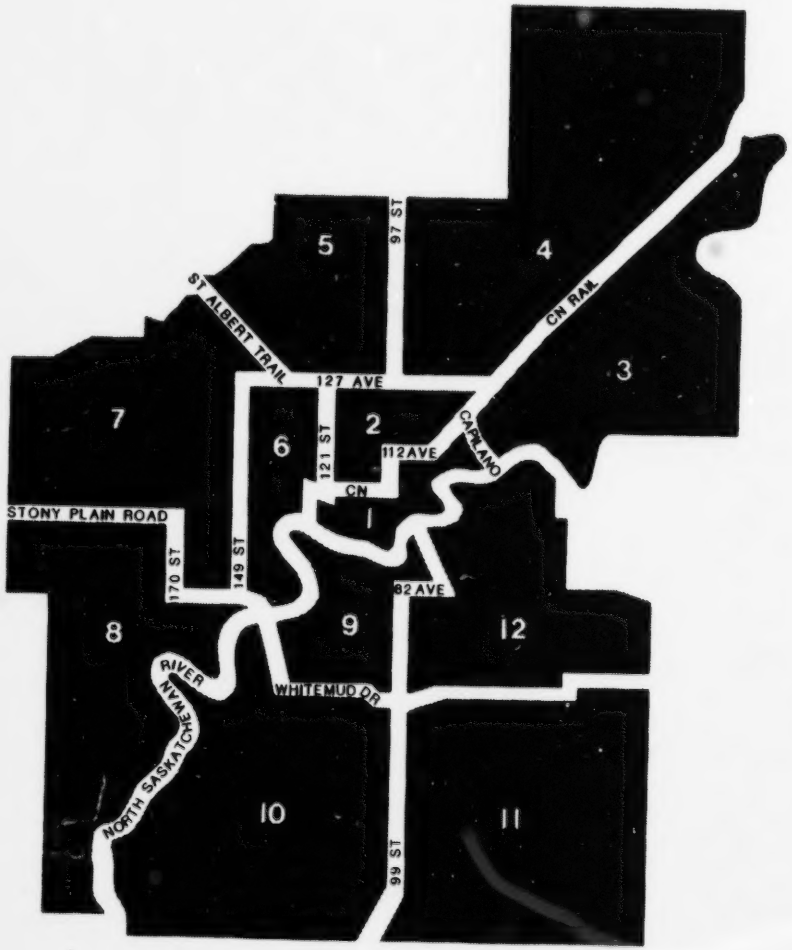


FIGURE 1.2

CITY OF EDMONTON DISTRICTS



CHAPTER 2 THE DEMOGRAPHY OF THE CITY OF EDMONTON

2.1 Edmonton's population change

The rapid population increase that Edmonton experienced over the past years, especially in the period 1980-1982, has not continued recently (see Figures 2.1 and 2.2).

Table 2.1 shows a decline in the annual population increase from 2.2% in 1976 to only 0.74% in 1984. The figures in Table 2.1 also demonstrate the importance of migration for Edmonton's population growth. The city's population increase has declined even though the death rate decreased between 1975 and 1984 and the birth rate actually increased in that period. Thus, the slower population growth since 1982 is a result of the declining migration balance between Edmonton and the rest of Alberta and Canada (for a detailed discussion see the Planning Department's publication "Edmonton Demographic Profile, 1982", page 7). The slowdown in Edmonton's population increase can be generally attributed to a decline in Alberta's energy-related industries. The negative growth in Alberta's economy since 1982 has resulted in considerably lower and even negative levels of net-migration for Alberta and Edmonton.

The increase in Edmonton's birth rate should be seen also in the demographic context of new family formations. The number of marriages between 1975 and 1983 fluctuated; it increased in absolute numbers from 5,274 to 5,678 (Table 2.1), but it declined in proportion to the total population. The birth rate, however, is also influenced by out-of-wedlock births, but it is difficult to determine just how these influence the birth rate in Edmonton. If there is declining in-migration to the city, and an aging

population, the number of births will be a decisive factor in determining the pace of growth of Edmonton's population.

As was first pointed out in the Edmonton Demographic Profile, 1982 (page 12), Edmonton still has one of the youngest urban populations in Canada. The 1983 and 1984 population distributions by age and sex, are given in Tables 2.2-2.3 and in Figures 2.3 - 2.4. Tables 2.4 and 2.5 are of special interest because they show the population in selected age groups, such as 18-64 or 65+, in the years 1983 and 1984. The numbers in working age groups declined while they increased in the over 65 age groups. In 1983 there were 384,000 persons 18-64 and 39,000 persons 65 years of age and over (Table 2.4). Planning Department estimates of population in 1984 indicate that there are 383,000 persons 18-64 and 42,000 persons 65+ (Table 2.5). Over a period of only one year, the dependency ratio of persons 65+ (retirement age) over persons 18-64 (manpower age) increased from 0.10 to 0.11. Chapter 4 will discuss the future age structure of Edmonton's population in further detail.

No civic census was conducted in 1984 and the above considerations are based on the 1983 civic census and the estimated 1984 population. The figures in Tables 2.3, 2.4 and 2.5 were rounded to the nearest thousand, and the totals of these figures may not add to the actual rounded totals displayed in these Tables.

2.2 Mortality and life expectancy

Tables 2.6 and 2.7 show the life expectancy in 1983 for males and females at different ages. Not surprisingly, female life expectancy (80 years at birth) is higher than that of males (73 years at birth). Life expectancy in Edmonton is higher than that of the rest of Alberta and Canada (Tables 2.8 and 2.9).

The life expectancy figures under the column e(x) in Tables 2.6 and 2.7 can be used in planning for institutions for populations within specified age-ranges. The figures reflect the average numbers of years left to live for a person in a given age-group. For example, the average time left to live for an Edmonton male, 45-49 years of age, is 31.5 years. For an explanation of the life table parameters, the reader should consult the Appendix.

2.3 Fertility, families and households

As indicated earlier, if no substantial increase in the number of in-migrants to Edmonton occurs, the pace of the city's population growth will depend on natural increase (excess of births over deaths).

Table 2.10 shows fertility parameters for Edmonton as calculated from the 1983 civic census data and from vital statistics information for Edmonton obtained from Alberta Social Services and Community Health. The intrinsic rate r is of special interest because it indicates the tendency of population growth in the long run (about 80-100 years) and under assumed conditions of mortality and fertility, all considerations of migration excluded. The intrinsic rate r of Table 2.10 shows that, under the current conditions of mortality and fertility (excluding migration), Edmonton's population would start to decline slightly, in about 50 years by approximately 0.7% annually.

Table 2.11 shows parameters for Edmonton, Alberta and Canada. The fertility parameters in Table 2.11 indicate that the propensity of Edmonton's population to reproduce is somewhat stronger than that of Canada or Alberta. This is particularly evident from the difference in birth rates (18.7 per thousand for Edmonton vs. 15.5 per thousand for Canada in 1981). However, with the gradual aging of the population, Edmonton's birth rate can be

expected to decline. Chapter 4 briefly discusses the implications of change in fertility rates on Edmonton's population increase.

Population growth, and fertility in particular, cannot be detached from the demography of families and households. Table 2.12 and Figure 2.5 show some comparative family statistics for Edmonton and major Canadian cities, for the period 1976 and 1981. The proportion of single-parent families increased in all the cities listed. However, Edmonton (along with Calgary) experienced the smallest proportional increase in single-parent families among all the cities listed (from 12% in 1976 to 13% in 1981).

Table 2.13 displays demographic data on households within the Edmonton Metropolitan Regional Planning Commission (EMRPC) boundary. The information was extracted from the 1981 federal census. A measure of caution should be exercised for current comparisons. However, even with a time-lag, this information provides a useful demographic context within which Edmonton's household and population statistics appear.

The average household size for the City of Edmonton ranked the lowest among the municipalities of EMRPC (2.7 persons per household). At the same time, the percentage of one-person and two-person households (within all households) was the highest for the City of Edmonton (Table 2.13). More detailed information on households in Edmonton will be given in Chapter 3.

Table 2.14 displays numbers of persons by age for the various localities of EMRPC. The share of Edmonton's population in the total population within the EMRPC boundary in 1981 was 74%. The share of Edmonton's population in the total population of Census Division 11 in the same year was 69.8%. For 1983 the Alberta Bureau of

Statistics estimate of 800,900 persons for Census Division 11 (Alberta Statistical Review, June 1984) puts the percentage share of Edmonton's population at 69.9% of Census Division 11 (not a substantial change from the 1981 percentage share). This means that Edmonton's share within EMRPC remains close to the 75% guideline issued by the Government of Alberta Order-in-Council in 1981 ("Report and Decision Concerning the Edmonton Annexation Application", Alberta Municipal Affairs, 1981).

The data in Table 2.15 indicate that between 1976 and 1981 there was a net out-migration of people from Edmonton to the rest of Census Division 11 (or, in fact, to the area of EMRPC). If Census Division 11 gained 95,000 persons through net-migration (1976-1981) and the city only 38,000 over the same period, many in-migrants to Edmonton eventually out-migrated to surrounding municipalities. Even if the figures in Table 2.15 are not completely consistent, because they originate from two differing sources, they may indicate that there has been a tendency for substantial segments of Edmonton's population to leave the city for its rural hinterland.

2.4 Some preliminary issues on Edmonton migration

Table 2.16 gives a comprehensive view of Edmonton's population by sex and marital status, between 1978 and 1983. A striking feature of the sex differentiation is that divorced, separated or widowed females outnumber strongly and consistently their male counterparts, even though there is a slight majority of males over females. Furthermore, from Tables 2.17 and 2.18 it follows that out-migrants in past years from Edmonton tended to be males more than females. A conclusion that seems to suggest itself is that single males tend to leave Edmonton. This conclusion seems to be confirmed by preliminary estimates of in-and out-migration by age and sex pre-

sented by the Planning Department to the City's Population Guidelines Committee (See Table 2.19).

From compiled statistics of the 1983 civic census, males are overall more apt to move than females. Table 2.20 indicates that persons who have lived less than 5 years at their census address were mostly males, while those who lived more than 5 years or more at their census address were mostly females (see also Figure 2.6).

In particular, males appear more mobile within the city; almost 52,000 males who have lived for less than 1 year at their present address came from elsewhere in Edmonton, as opposed to just over 48,000 females of the same category.

Despite the present patterns of sex differentiation among migrants into and out of the city, it is believed that a substantial imbalance between male and female migrants is unlikely to be sustained for a metropolitan area, such as Edmonton.

2.5 Implications

In spite of its obvious stimulus to population growth and its associated economic benefits, large-scale migration into Edmonton is not the only factor influencing population growth. A more subtle component of Edmonton's population growth is fertility and the related number of births in the city. Birth rate changes occur gradually, as evidenced from Table 2.21. In Edmonton, there has been a trend to a modest increase in the birth rate since 1974, but at the same time there is uncertainty whether this trend will continue to stabilize or if the birth rate will decline towards the Canadian average of about 15 births per 1,000 population (see Table 2.21). Since there has been a modest decline in Edmonton's marriage

rate (Table 2.22), a companion decline in the birth rate within the next few years in Edmonton could be expected.

The death rate in Edmonton is not expected to rise above its present level; in fact, the past few years show a modest decline in the gross death rate in Edmonton, while the gross death rate for Canada has essentially stabilized (Table 2.23). The gross result of deaths and births (migration excluded) in the past for Edmonton, Alberta and Canada, is summarized in Table 2.24. Although Edmonton and Alberta show substantially higher rates of natural increase than the whole of Canada, these will decline with the declining birth rate. These considerations of a declining birth rate have not yet been incorporated into the Planning Department's population projections. However, Chapter 4 will discuss the demographic implications of a possible fertility decline in Edmonton.

TABLE 2.1

CITY OF EDMONTON, GROSS VITAL RATES 1976 - 1984

YEAR	TOTAL POPULATION	POPULATION INCREASE (%)	MARRIAGES[a]	BIRTHS[a]	BIRTHS IN POPULATION (%)	DEATHS[a]	DEATHS IN POPULATION (%)
1975	451,635		5,274	7,545	1.67	2,675	0.59
		2.20					
1976	461,559		5,327	7,906	1.71	2,689	0.58
		2.15					
1977	471,474		5,248	7,950	1.69	2,785	0.59
		1.38					
1978	478,066		5,148	8,017	1.68	2,780	0.58
		2.78					
1979	491,359		5,225	8,438	1.72	2,898	0.59
		3.62					
1980	505,773		5,699	9,037	1.79	2,887	0.57
		3.05					
1981	521,205		5,729	9,738	1.87	2,910	0.56
		5.78*					
1982	551,314		6,083	10,813	1.96	3,094	0.56
		1.63					
1983	560,306		5,678	10,921	1.95	3,015	0.54
		0.74					
1984[b]	564,459			10,938	1.93	3,061	0.54

Sources: City of Edmonton, Civic Censuses, 1975-1983
a Alberta Social Services and Community Health, Planning Secretariat
b Planning Department estimates

*On 1982 01 01 almost 35,000 hectares of land were annexed to the City's area. The annexation included 9,200 persons; the population increase without the annexation was 3.79%.

TABLE 2.2 POPULATION, BIRTHS AND DEATHS, CITY OF EDMONTON, 1983

AGE	POPULATION			DEATHS		BIRTHS	AGE
	MALE	FEMALE	TOTAL	MALE	FEMALE		
0-4	19,658	18,030	37,696	66	59	0	0-4
5-9	18,280	17,487	35,772	6	7	0	5-9
10-14	18,196	16,782	35,014	8	3	4	10-16
15-19	20,809	20,370	41,129	15	6	887	15-19
20-24	36,528	38,327	74,855	44	16	3,447	20-24
25-29	39,207	35,835	75,042	41	16	4,079	25-29
30-34	28,506	25,326	53,832	27	17	1,943	30-34
35-39	20,020	18,718	38,738	43	23	472	35-39
40-44	15,452	15,129	30,581	44	28	49	40-44
45-49	13,296	13,255	26,551	61	30	2	45-49
50-54	13,716	12,814	26,530	109	50	0	50-54
55-59	11,248	11,716	22,964	134	82	0	55-59
60-64	9,327	10,219	19,546	176	81	0	60-64
65-69	6,474	7,946	14,420	174	118	0	65-69
70-74	4,847	6,411	11,258	186	134	0	70-74
75-79	3,199	4,513	7,712	221	166	0	75-79
80-84	1,907	3,038	4,945	180	188	0	80-84
85+	1,220	2,279	3,499	210	288	0	85+
UNKNOWN	0	0	0	4	0	38	UNKNOWN
TOTAL	**281,890**	**278,195**	**560,085**	**1,749**	**1,312**	**10,921**	**TOTAL**

Sources: City of Edmonton, Civic Census, 1983
Alberta Social Services and Community Health, Planning Secretariat

TABLE 2.3 PERSONS BY 5-YEAR AGE-GROUPS AND SEX, CITY OF EDMONTON, 1984 (Estimate)

AGE	MALE	FEMALE	TOTAL
0-4	23,000	22,000	45,000
5-9	19,000	17,000	36,000
10-14	19,000	17,000	36,000
15-19	22,000	22,000	43,000
20-24	37,000	40,000	77,000
25-29	37,000	34,000	70,000
30-34	27,000	24,000	52,000
35-39	20,000	20,000	40,000
40-44	15,000	14,000	29,000
45-49	13,000	13,000	26,000
50-54	13,000	12,000	25,000
55-59	11,000	12,000	22,000
60-64	10,000	10,000	21,000
65-69	6,000	8,000	15,000
70-74	5,000	7,000	12,000
75-79	3,000	4,000	7,000
80-84	2,000	3,000	5,000
85+	1,000	2,000	4,000
TOTAL	**283,000**	**281,000**	**564,000**

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 2.4 PERSONS IN SELECTED AGE-GROUPS BY SEX, CITY OF EDMONTON, 1983 (Estimate)

AGE	MALE	FEMALE	TOTAL
0	5,000	5,000	10,000
0 - 17	71,000	66,000	137,000
1	5,000	4,000	9,000
2	5,000	4,000	9,000
3	4,000	4,000	8,000
4	4,000	4,000	8,000
5	4,000	4,000	7,000
5 - 11	25,000	24,000	49,000
6 - 12	25,000	23,000	49,000
12 - 15	15,000	14,000	29,000
12 - 17	23,000	22,000	45,000
16 - 18	13,000	13,000	26,000
18 - 24	49,000	51,000	100,000
18 - 25	57,000	58,000	116,000
18 - 64	195,000	189,000	384,000
18+	211,000	212,000	423,000
25 - 64	145,000	138,000	284,000
65+	17,000	23,000	39,000

Sources: City of Edmonton, Civic Census, 1983

Note: Figures may not add to TOTAL due to rounding.

TABLE 2.5 PERSONS IN SELECTED AGE-GROUPS BY SEX, CITY OF EDMONTON, 1984 (Estimate)

AGE	MALE	FEMALE	TOTAL
0	5,000	5,000	10,000
0 - 17	72,000	67,000	139,000
1	5,000	5,000	10,000
2	5,000	4,000	9,000
3	4,000	4,000	9,000
4	4,000	4,000	8,000
5	4,000	4,000	8,000
5 - 11	26,000	24,000	50,000
6 - 12	26,000	24,000	50,000
12 - 15	15,000	14,000	29,000
12 - 17	23,000	21,000	44,000
16 - 18	12,000	12,000	24,000
18 - 24	47,000	51,000	98,000
18 - 25	56,000	58,000	114,000
18 - 64	193,000	190,000	383,000
18+	211,000	214,000	425,000
25 - 64	146,000	139,000	285,000
65	17,000	24,000	42,000

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 2.6

LIFE TABLE FOR MALES, CITY OF EDMONTON, 1983

AGE	P	D	q(x)	l(x)	d(x)	L(x)	e(x)	AGE
0	4634	54	0.011549	100000	1155	98949	73.391	0
1-4	15024	12	0.003196	98845	316	394590	73.247	1-4
5-9	18280	6	0.001644	98529	162	492241	69.477	5-9
10-14	18196	8	0.002200	98367	216	491335	64.588	10-14
15-19	20809	15	0.003609	98151	354	489946	59.724	15-19
20-24	36528	44	0.006015	97797	588	487543	54.931	20-24
25-29	39207	41	0.005157	97208	501	484758	50.247	25-29
30-34	28506	27	0.004547	96707	440	482542	45.495	30-34
35-39	20020	43	0.010485	96267	1009	478995	40.691	35-39
40-44	15452	44	0.013798	95258	1314	473233	36.093	40-44
45-49	13296	61	0.022438	93944	2108	464914	31.561	45-49
50-54	13716	109	0.038660	91836	3550	450909	27.223	50-54
55-59	11248	134	0.056845	88285	5019	429666	23.210	55-59
60-64	9327	176	0.087900	83267	7319	398916	19.449	60-64
65-69	6474	174	0.121697	75948	9243	357439	16.071	65-69
70-74	4847	186	0.167865	66705	11197	306833	12.939	70-74
75-79	3199	221	0.279085	55508	15491	239374	10.022	75-79
80-84	1907	180	0.347531	40016	13907	165565	7.919	80-84
85+	1220	210	1.000000	26109	26109	151336	5.796	85+

Source: City of Edmonton, Civic Census, 1983
Computed by program LIFE, City of Edmonton, Planning Department.

Note: P - population; D - deaths; q(x) - probability to die at age x; l(x) - number surviving to age x in a stationary population; d(x) - number dying in a stationary population; L(x) - number of life-years in age group; e(x) - expectation of life at age x. For detailed explanation see Appendix.

TABLE 2.7

LIFE TABLE FOR FEMALES, CITY OF EDMONTON, 1983

AGE	P	D	q(x)	l(x)	d(x)	L(x)	e(x)	AGE
0	4199	51	0.011997	100000	1200	98909	80.145	0
1-4	13831	8	0.002311	98800	228	394630	80.117	1-4
5-9	17487	7	0.002000	98572	197	492367	76.299	5-9
10-14	16782	3	0.000893	98375	88	491644	71.447	10-14
15-19	20370	6	0.001474	98287	145	491097	66.509	15-19
20-24	38327	16	0.002085	98142	205	490213	61.603	20-24
25-29	35835	16	0.002174	97938	213	489179	56.727	25-29
30-34	25326	17	0.003262	97725	319	487903	51.845	30-34
35-39	18718	23	0.005999	97406	584	485684	47.005	35-39
40-44	15129	28	0.009019	96821	873	482023	42.273	40-44
45-49	13255	30	0.011065	95948	1062	477283	37.634	45-49
50-54	12814	50	0.019143	94887	1816	470330	33.025	50-54
55-59	11716	82	0.034000	93070	3164	457772	28.616	55-59
60-64	10219	81	0.037933	89906	3410	441605	24.531	60-64
65-69	7946	118	0.069978	86495	6053	418248	20.393	65-69
70-74	6411	134	0.096309	80443	7747	384046	16.728	70-74
75-79	4513	166	0.162571	72695	11818	335564	13.228	75-79
80-84	3038	188	0.256020	60877	15586	267637	10.284	80-84
85+	2279	288	1.000000	45291	45291	358399	7.913	85+

Source: City of Edmonton, Civic Census, 1983
Computed by program LIFE, City of Edmonton, Planning Department.

Note: P - population; D - deaths; q(x) - probability to die at age x; l(x) - number surviving to age x in a stationary population; d(x) - number dying in a stationary population; L(x) - number of life-years in age group; e(x) - expectation of life at age x. For detailed explanation see Appendix.

TABLE 2.8 DEATHS PER 1000 MALES FOR THE CITY OF EDMONTON, ALBERTA AND CANADA

AGE	EDMONTON 1983	ALBERTA 1981[a]	CANADA 1981[a]
0	11.5	10.6	9.6
1-4	0.8	0.6	0.5
5-9	0.3	0.4	0.3
10-14	0.4	0.4	0.3
15-19	0.7	1.4	0.9
20-24	1.2	1.2	1.0
25-29	1.0	1.0	1.0
30-34	0.9	1.2	1.0
35-39	2.1	1.6	1.4
40-44	2.8	2.3	2.2
45-49	4.6	3.8	3.7
50-54	7.9	5.5	5.9
55-59	11.9	8.5	9.3
60-64	18.9	13.1	14.4
65-69	26.9	21.5	22.4
70-74	38.4	33.1	33.6
75-79	69.1	51.2	52.6
80-84	94.4	80.5	82.7
85+	172.1	164.2	157.0
TOTAL	**6.2**	**5.7**	**7.0**
LIFE EXPECTANCY AT BIRTH	**73.39**	**71.99[b]**	**71.87[b]**

Sources: [a] Statistics Canada, Catalogue 84-204, 1983.
[b] Statistics Canada, Catalogue 84-532, 1983.

TABLE 2.9 DEATHS PER 1000 FEMALES FOR THE CITY OF EDMONTON, ALBERTA AND CANADA

AGE	EDMONTON 1983	ALBERTA 1981[a]	CANADA 1981[a]
0	12.1	9.3	8.4
1-4	0.5	0.5	0.5
5-9	0.4	0.3	0.3
10-14	0.2	0.2	0.2
15-19	0.3	0.7	0.5
20-24	0.4	0.5	0.5
25-29	0.4	0.6	0.6
30-34	0.6	0.8	0.6
35-39	1.2	1.2	1.0
40-44	1.9	1.7	1.6
45-49	2.3	2.7	2.6
50-54	3.9	3.6	4.1
55-59	7.0	6.2	6.3
60-64	7.9	8.7	9.8
65-69	14.9	15.4	15.2
70-74	20.9	22.5	23.9
75-79	36.8	37.6	38.9
80-84	61.9	64.6	67.2
85+	126.4	149.8	141.6
TOTAL	**4.7**	**4.8**	**6.0**
LIFE EXPECTANCY AT BIRTH[b]	**80.15**	**78.94**	**78.95**

Sources: [a] Statistics Canada, Catalogue 84-204, 1983.
[b] Statistics Canada, Catalogue 84-532, 1983.

TABLE 2.10 FERTILITY SUMMARY TABLE FOR EDMONTON FEMALES, 1983

AGE	POPULATION	BIRTHS	AGE SPEC. BIRTH RATE	SEX-AGE SPEC. B.R.	NET MATERNITY FUNCTION	AGE
10-14	16,782	4	0.00024	0.00011	0.00056	10-14
15-19	20,370	887	0.04355	0.02105	0.10338	15-19
20-24	38,327	3,447	0.08994	0.04341	0.21279	20-24
25-29	35,835	4,079	0.11383	0.05494	0.26875	25-29
30-34	25,326	1,943	0.07672	0.03703	0.18066	30-34
35-39	18,718	472	0.02522	0.01217	0.05911	35-39
40-44	15,129	49	0.00324	0.00156	0.00754	40-44
All fertile ages	170,480	10,881	0.35281	0.17027	0.83279	

Total Fertility Rate	TFR	=	1.764
Gross Reproduction Rate	GRR	=	0.851
Net Reproduction Rate	NRR	=	0.833
Mean Age at Childbirth	FMU	=	26.901
Intrinsic Rate	r	=	-0.00677
Mean Length of Generation	T	=	27.013

Source: Table 2.2
Computed by program LOTKA, City of Edmonton, Planning Department.

Note: For detailed explanation of parameters see Appendix.

TABLE 2.11 FERTILITY RATES FOR EDMONTON, ALBERTA, AND CANADA, 1981,1983

	BIRTHS PER 1000	TOTAL FERTILITY RATE	GROSS REPRODUCTION RATE	NET REPRODUCTION RATE
EDMONTON, 1981	18.7	1.765	0.845	0.826
EDMONTON, 1983	19.4	1.764	0.851	0.833
ALBERTA, 1981	19.1	1.936	0.941	0.917
CANADA, 1981	15.5	1.704	0.829	0.810

Sources: Statistics Canada, Catalogue 84-204, 1983.

City of Edmonton, Civic Censuses, 1981, 1983

TABLE 2.12 FAMILIES IN PRIVATE HOUSEHOLDS FOR SELECTED CANADIAN CITIES, 1976, 1981

		HUSBAND-WIFE FAMILIES		SINGLE-PARENT FAMILIES		TOTAL	
		1976	1981	1976	1981	1976	1981
EDMONTON	ACTUAL	99,715	117,165	13,415	17,295	113,130	134,460
	PERCENT	88	87	12	13	100	100
CALGARY	ACTUAL	104,835	133,215	12,165	16,695	116,995	149,910
	PERCENT	90	89	10	11	100	100
MONTREAL	ACTUAL	230,845	199,545	38,655	43,055	269,510	242,610
	PERCENT	86	82	14	18	100	100
WINNIPEG	ACTUAL	125,640	127,495	16,040	19,145	141,680	146,905
	PERCENT	89	87	11	13	100	100
QUEBEC (CMA)	ACTUAL	117,070	127,495	14,505	19,045	131,575	146,540
	PERCENT	89	87	11	13	100	100
VANCOUVER	ACTUAL	84,010	83,520	12,240	13,630	96,250	97,145
	PERCENT	87	86	13	14	100	100
HALIFAX	ACTUAL	24,245	23,530	3,695	4,470	27,935	28,000
	PERCENT	87	84	13	16	100	100
TORONTO	ACTUAL	124,950	115,605	18,920	20,310	143,870	135,920
	PERCENT	87	85	13	15	100	100

Sources: Statistics Canada, Catalogue 92-808, 1976.
Statistics Canada, Catalogue 95-943, 1981.

TABLE 2.13

(Continued on next page)

PRIVATE HOUSEHOLDS BY NUMBER OF PERSONS AND AVERAGE NUMBER OF PERSONS PER HOUSEHOLD FOR ALBERTA, EDMONTON METROPOLITAN PLANNING REGION AND COMPONENT MUNICIPALITIES, 1981

		SIZE OF PRIVATE HOUSEHOLD					Population in Private Households	Total Number of Households	Average Size of Households
		1	2	3	4 - 5	6 or more			
Alberta	Actual	147,395	225,640	133,235	212,745	39,230	2,179,345	758,240	2.9
	Percent in Total	19.4	29.7	17.6	28.1	5.2		100.0	
Census Division II	Actual	53,850	77,920	47,120	73,225	12,175	746,685	264,290	2.8
	Percent in Total	20.4	29.5	17.8	27.7	4.6		100.0	
E.M.R.P.C. Region	Actual	51,505	73,915	44,760	69,075	11,260	704,825	250,475	3.2
	Percent in Total	20.6	29.5	17.9	27.6	4.5		100.0	
Edmonton C.M.A.	Actual	49,765	69,145	41,105	61,575	10,230	643,790	231,815	2.8
	Percent in Total	21.5	29.8	17.7	26.6	4.4		100.0	
Beaumont	Actual	25	250	170	340	25	2,615	800	3.3
	Percent in Total	3.1	31.2	21.2	42.5	3.1		100.0	
Bon Accord	Actual	25	70	85	185	20	1,360	385	3.5
	Percent in Total	6.5	18.1	22.1	48.0	5.2		100.0	
Calmar	Actual	70	105	55	110	15	995	350	2.8
	Percent in Total	20.0	30.0	15.7	31.4	4.3		100.0	
Devon	Actual	135	280	240	490	55	3,845	1,200	3.2
	Percent in Total	11.2	23.3	20.0	40.8	4.6		100.0	
Edmonton	Actual	47,150	61,340	34,405	45,670	7,930	521,935	196,495	2.7
	Percent in Total	24.0	31.2	17.5	23.2	4.0		100.0	
Fort Saskatchewan	Actual	405	885	670	1,500	170	11,755	3,635	3.2
	Percent in Total	11.1	24.3	18.4	41.3	4.7		100.0	

TABLE 2.13

(Concluded on next page)

PRIVATE HOUSEHOLDS BY NUMBER OF PERSONS AND AVERAGE NUMBER OF PERSONS PER HOUSEHOLD FOR ALBERTA, EDMONTON METROPOLITAN PLANNING REGION AND COMPONENT MUNICIPALITIES, 1981

		SIZE OF PRIVATE HOUSEHOLD					Population in Private Households	Total Number of Households	Average Size of Households
		1	2	3	4 - 5	6 or more			
Gibbons	Actual	50	140	120	315	30	2,220	645	3.4
	Percent in Total	7.7	21.7	18.6	48.8	4.6		100.0	
Leduc	Actual	435	980	720	1,445	210	12,115	3,790	3.2
	Percent in Total	11.5	25.8	19.0	38.1	5.5		100.0	
Leduc County [a]	Actual	230	600	450	910	175	7,745	2,345	3.1
	Percent in Total	9.8	25.6	19.2	38.8	7.5		100.0	
Legal	Actual	40	75	50	105	20	915	285	3.2
	Percent in Total	14.0	26.3	17.5	36.8	7.0		100.0	
Morinville	Actual	90	320	275	570	90	4,580	1,345	3.4
	Percent in Total	6.7	23.8	20.4	42.4	6.7		100.0	
New Sarepta	Actual	20	50	25	35	10	410	140	3.0
	Percent in Total	14.3	35.7	17.8	25.0	7.1		100.0	
Parkland County [a]	Actual	415	1,425	1,090	2,300	355	18,805	5,585	3.4
	Percent in Total	7.4	25.5	19.5	41.1	6.4		100.0	
Redwater	Actual	100	205	135	205	20	1,905	665	2.9
	Percent in Total	15.0	30.8	20.3	30.8	3.0		100.0	
Spruce Grove	Actual	175	675	635	1,350	160	10,230	2,990	3.4
	Percent in Total	5.8	22.6	21.2	45.1	5.4		100.0	
St. Albert	Actual	595	1,985	1,840	4,150	550	31,505	9,130	3.5
	Percent in Total	6.5	21.7	20.1	45.5	6.1		100.0	

TABLE 2.13

(Concluded)

PRIVATE HOUSEHOLDS BY NUMBER OF PERSONS AND AVERAGE NUMBER OF PERSONS PER HOUSEHOLD FOR ALBERTA, EDMONTON METROPOLITAN PLANNING REGION AND COMPONENT MUNICIPALITIES, 1981

		SIZE OF PRIVATE HOUSEHOLD					Population in Private Households	Total Number of Households	Average Size of Households
		1	2	3	4 - 5	6 or more			
Stony Plain	Actual	235	420	275	545	60	4,665	1,540	3.0
	Percent in Total	15.3	27.3	17.8	35.4	3.9		100.0	
Strathcona County	Actual	930	3,005	2,635	6,900	970	50,895	14,435	3.5
	Percent in Total	6.4	20.8	18.3	47.8	6.7		100.0	
Sherwood Park	Actual	400	1,440	1,470	4,195	500	28,910	8,000	3.6
	Percent in Total	0.5	18.0	18.4	52.4	6.3		100.0	
Sturgeon, M.D.	Actual	380	1,105	885	1,950	395	16,330	4,715	3.5
	Percent in Total	8.0	23.4	18.8	41.3	8.4		100.0	

[a] Figures derived from Census of Canada 1981 Provincial Census Tract Information and Enumeration Area Information, County of Leduc - P.C.T. 7158, 7159.01, 7159.02, 7160, E.A. 410, 411, 412, and 421. County of Parkland - P.C.T. 7271.01, 7270.03, E.A. 016.

Source: 1981 Census of Canada, Catalogue 96-910.

1981 Census of Canada, Catalogue 95-908.

TABLE 2.14

POPULATION BY AGE AND SEX FOR ALBERTA, EDMONTON METROPOLITAN PLANNING REGION AND COMPONENT MUNICIPALITIES, 1981

		0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	Sub-total	TOTAL
Alberta	M	96,675	89,300	92,125	109,705	137,025	126,145	101,545	74,605	59,585	55,130	50,950	42,365	33,825	27,005	47,245	1,143,215	2,237,725
	F	91,285	84,850	87,430	104,725	127,305	113,650	94,215	69,495	55,635	50,450	47,195	43,445	35,670	30,425	58,725	1,094,505	
C.D. II	M	31,875	29,195	30,230	36,860	48,955	44,435	35,700	26,080	20,830	19,000	17,510	14,270	10,510	8,130	13,495	387,080	762,040
	F	30,200	27,785	28,475	35,580	46,255	40,635	33,515	24,685	19,650	17,565	16,370	14,660	11,445	9,860	18,450	374,965	
E.M.R.P.C.	M	29,880	27,185	28,045	34,505	46,870	42,675	34,165	24,725	19,645	17,865	16,415	13,310	9,710	7,430	12,170	364,565	719,030
Region	F	28,365	25,980	26,535	33,560	44,565	38,965	31,925	23,365	18,580	16,555	15,440	13,770	10,695	8,980	17,240	354,465	100%
Edmonton	M	26,430	23,875	25,010	31,710	44,255	39,230	30,465	22,110	17,770	16,465	15,350	12,435	9,080	6,950	13,405	332,540	657,055
C.M.A.	F	25,101	22,825	23,810	31,055	41,935	35,400	28,445	21,015	17,100	15,475	14,495	12,990	10,090	8,480	16,380	324,515	91.30%
Beaumont	M	220	140	90	55	110	270	235	110	30	30	20	10	10	10	5	1,335	2,640
	F	220	150	85	40	165	280	205	60	25	15	10	10	20	10	15	1,300	0.36%
Bon Accord	M	95	90	60	40	50	95	80	50	35	25	15	10	10	5	10	680	1,375
	F	110	90	65	45	60	95	80	50	30	15	10	10	10	10	10	695	0.19%
Calmar	M	35	55	50	45	45	60	45	35	25	25	10	10	15	15	40	515	1,000
	F	50	50	35	55	40	55	40	35	20	20	10	15	15	15	35	485	0.13%
Devon	M	265	225	170	150	175	280	205	145	100	60	60	50	40	25	35	1,995	3,885
	F	260	205	150	150	165	275	200	135	70	65	50	55	35	35	45	1,890	0.54%
Edmonton	M	20,100	17,080	18,190	25,260	39,170	33,925	23,780	16,015	13,475	13,200	12,860	10,710	7,970	6,115	10,185	268,035	532,245
	F	19,125	16,490	17,400	25,400	37,560	29,650	21,295	15,530	13,425	12,800	12,445	11,480	9,035	7,660	14,935	264,215	74.00%
Fort	M	650	655	610	600	645	650	690	535	340	270	190	150	125	110	140	6,350	12,170
Saskatchewan	F	575	605	570	500	480	675	675	430	295	220	185	160	125	120	200	5,820	1.69%
Gibbons	M	160	130	120	95	95	140	145	90	60	40	25	20	10	15	35	1,175	2,275
	F	155	125	100	80	110	160	120	75	45	30	30	10	15	10	40	1,100	0.31%
Leduc	M	605	655	645	590	550	610	780	505	335	255	180	160	100	90	245	6,310	12,470
	F	620	680	570	520	525	680	760	450	275	215	175	135	125	130	315	6,160	1.73%
Leduc	M	355	330	375	450	355	345	465	305	265	260	240	175	150	105	110	4,200	7,775
County[a]	F	315	320	370	340	280	320	315	275	235	200	180	150	100	70	75	3,575	1.08%

(concluded on next page)

TABLE 2.14

POPULATION BY AGE AND SEX FOR ALBERTA, EDMONTON METROPOLITAN PLANNING REGION AND COMPONENT MUNICIPALITIES, 1981

Legal	M	70	50	45	25	35	60	45	45	25	20	20	20	20	20	50	545	1,020
	F	45	60	35	40	40	55	45	20	10	10	15	20	20	20	35	475	0.14%
Marinville	M	340	295	225	160	190	370	275	165	95	75	55	35	35	30	60	2,395	4,655
	F	335	245	185	170	240	370	270	140	70	50	40	35	35	30	50	2,265	0.64%
New Sarepta	M	25	20	20	15	25	25	20	10	15	0	10	10	0	10	10	220	415
	F	25	20	15	10	25	20	15	5	10	10	10	10	10	5	10	200	0.05%
Parkland County[a]	M	1,060	1,025	975	900	795	1,005	1,030	825	650	505	385	325	200	140	145	9,965	19,025
	F	960	925	850	815	800	1,035	1,040	745	530	360	335	275	160	105	125	9,060	2.64%
Redwater	M	100	95	75	80	100	115	100	45	35	35	40	40	25	35	85	1,005	1,930
	F	95	80	65	70	85	105	85	45	30	45	50	35	25	45	75	925	0.26%
Spruce Grove	M	630	600	540	450	385	585	665	535	340	195	105	95	60	35	50	5,275	10,325
	F	635	605	500	415	435	610	655	505	220	140	105	75	65	45	50	5,045	1.43%
St. Albert	M	1,570	1,745	1,695	1,710	1,225	1,195	1,835	1,665	1,170	880	640	400	215	145	200	16,295	31,995
	F	1,495	1,635	1,605	1,480	1,100	1,415	2,030	1,520	1,070	740	550	335	230	165	340	15,700	4.44%
Stony Plain	M	275	270	200	170	205	295	255	155	120	75	65	50	60	55	145	2,410	4,840
	F	280	225	195	185	215	300	260	130	95	60	65	55	75	90	205	2,430	0.67%
Strathcona County	M	2,410	2,850	3,015	2,780	1,930	1,825	2,645	2,725	1,965	1,420	1,065	720	465	285	370	26,485	51,580
	F	2,350	2,645	2,915	2,430	1,595	2,065	3,035	2,560	1,635	1,170	860	680	410	275	460	25,090	7.17%
Sherwood Park	M	1,420	1,750	1,765	1,535	955	960	1,675	1,710	1,140	730	490	295	175	90	150	14,845	29,285
	F	1,385	1,650	1,715	1,385	825	1,170	1,960	1,595	945	585	410	290	160	130	235	14,445	N/A
Sturgeon, M.D.	M	915	875	945	930	785	825	870	765	565	495	430	320	200	185	250	9,375	17,410
	F	715	825	825	815	645	800	800	655	490	390	315	225	185	140	220	8,035	2.42%

[a] Figures derived from Census of Canada 1981 Provincial Census Tract Information and Enumeration Area Information, County of Leduc P.C.T. 7158, 7159.01, 7159.02, 7160 and E.A. 410, 411, 412, and 421. County of Parkland P.C.T. 7271.01, 7270.03 and E.A. 016.

[b] Percentages in column TOTAL are calculated against 100% of population within EMRPC boundary.

Sources: 1981 Census of Canada, Alberta Bureau of Statistics, File AGECSD01, Table AGECSCD01.
1981 Census of Canada, Alberta Bureau of Statistics, Table EAD81A11, C.T. 100, 101.01, 101.02, 102, 103.

Compiled by Edmonton Metropolitan Regional Planning Commission

TABLE 2.15 ESTIMATES OF NET MIGRATION BY AGE AND SEX,

CENSUS DIVISION II AND CITY OF EDMONTON, 1976-81

AGE	CENSUS DIVISION II [a]			CITY OF EDMONTON [b]
	MALE	FEMALE	TOTAL	TOTAL
0-4	5,900	5,400	11,400	N/A
5-9	2,700	2,800	5,500	2,100
10-14	2,300	2,100	4,400	2,600
15-19	5,400	5,800	11,200	2,700
20-24	15,600	13,600	29,200	13,900
25-29	9,300	5,500	14,800	8,200
30-34	4,800	3,500	8,400	4,400
35-39	2,700	2,000	4,700	2,700
40-44	2,100	1,300	3,500	1,900
45-49	1,100	500	1,900	600
50-54	100	600	800	600
55-59	200	0	200	-400
60-64	0	0	100	-200
65-69	0	200	200	-700
70-74	0	400	500	0
75-79	-200	0	-300	-200
80-84	-300	-200	-600	-300
85-89	-100	-200	-400	-300
90+	-200	-500	-800	0
TOTAL	**51,700**	**43,100**	**95,300**	**38,100**

Sources: a Alberta Bureau of Statistics estimate
b City of Edmonton, Planning Department estimate

Note: Figures may not add to TOTAL due to rounding.

TABLE 2.16

POPULATION BY MARITAL STATUS, CITY OF EDMONTON, 1978-1983

		SINGLE	MARRIED	DIVORCED OR SEPARATED	WIDOWED	OTHER OR UNKNOWN	TOTAL
1978	MALE	125,434	103,065	6,108	2,982	4,618	242,207
	FEMALE	103,349	101,495	12,019	15,412	3,584	235,859
	TOTAL	228,983	204,560	18,127	18,394	8,002	478,066
1979	MALE	129,638	104,985	6,682	2,897	4,778	248,980
	FEMALE	107,002	104,002	12,856	15,532	2,987	242,379
	TOTAL	236,640	208,987	19,538	18,429	7,765	491,359
1980	MALE	134,738	106,580	7,366	3,053	4,574	256,311
	FEMALE	110,886	105,760	13,822	16,411	2,583	249,462
	TOTAL	245,624	212,340	21,188	19,464	7,157	505,773
1981	MALE	140,063	109,676	7,163	3,125	3,556	263,583
	FEMALE	114,537	109,212	14,363	16,962	2,548	257,622
	TOTAL	254,600	218,888	21,526	20,087	6,104	521,205
1982	MALE	147,493	116,342	7,801	3,427	4,273	279,336
	FEMALE	121,297	115,693	14,951	16,988	3,049	271,978
	TOTAL	268,790	232,035	22,752	20,415	7,322	551,314
1983	MALE	147,718	117,815	8,591	3,498	4,268	281,890
	FEMALE	123,420	117,319	16,579	17,690	3,187	278,195
	TOTAL	271,138	235,134	25,170	21,188	7,455	560,085

Source: City of Edmonton, Civic Censuses, 1978-1983

TABLE 2.17 PAST AND PROJECTED MIGRATION PER ANNUM, CITY OF EDMONTON, 1981-2001

	IN-MIGRATION			OUT-MIGRATION			NET-MIGRATION		
	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL
1981-1982	N/A	N/A	N/A	N/A	N/A	N/A	7,500	6,500	14,000
1982-1983	14,000	13,000	27,000	14,000	10,000	24,000	0	3,000	3,000
1983-1984	14,000	13,000	27,000	16,000	14,000	30,000	-2,000	-1,000	-3,000
1984-1985	12,000	11,000	23,000	12,600	11,400	24,000	-600	-400	-1,000
1985-1986	12,000	11,000	23,000	12,300	11,200	23,500	-300	-200	-500
1986-1987	11,000	10,000	21,000	11,000	10,000	21,000	0	0	0
1987-1988	12,000	11,000	23,000	11,800	10,700	22,500	200	300	500
1988-1989	12,000	11,000	23,000	11,600	10,400	22,000	400	600	1,000
1989-1990	12,000	11,000	23,000	11,200	9,800	21,000	800	1,200	2,000
1990-1991	12,000	11,000	23,000	10,500	8,500	19,000	1,500	2,500	4,000
1991-1992	12,000	11,000	23,000	10,000	8,500	18,500	2,000	2,500	4,500
1992-1993	13,000	12,000	25,000	10,600	8,400	19,000	2,400	3,600	6,000
1993-2001	13,000	12,000	25,000	10,600	8,400	19,000	2,400	3,600	6,000

Sources: City of Edmonton, Civic Censuses, 1982-1983

Note: Figures reflect estimated or projected numbers of migrants within a one-year period between consecutive census dates. The figures for 1981-1982 do not include 9,200 persons absorbed by the City due to annexation.
Figures for 1982-1983 are Planning Department estimates.
Figures for 1984-2001 are projections of the City of Edmonton Population Guidelines Committee.

TABLE 2.18 MIGRATION ESTIMATES FOR EDMONTON CMA, 1971-1976

		Within Alberta	To/From Other Province	To/From Other Country	Estimated Total Migration
Immigrants to Edmonton CMA	T	40,260	52,290	23,325	115,875
	M	19,280	27,580	12,060	58,920
	F	20,980	24,710	11,265	56,955
Emigrants from Edmonton CMA	T	46,285	40,490	5,000 (a)	92,000
	M	23,575	20,385	3,000 (a)	47,000
	F	22,170	20,110	2,000 (a)	45,000
Estimated net-migration, Edmonton CMA	T	-6,025	11,800	18,000	25,500
	M	-4,295	7,195	9,000	12,000
	F	-1,730	4,600	8,500	11,500

(a)Estimate. No figures available.

Source: 1976 Census of Canada. Catalogue 92-828.

TABLE 2.19

ESTIMATES OF IN AND OUT-MIGRANTS BY AGE AND SEX, CITY OF EDMONTON, 1982-1983

Age	IN-MIGRANTS Males	IN-MIGRANTS Females	OUT-MIGRANTS Males	OUT-MIGRANTS Females	Age
0 - 4	622	579	707	646	0 - 4
5 - 9	834	686	581	709	5 - 9
10 - 14	649	543	459	330	10 - 14
15 - 19	982	1,489	384	200	15 - 19
20 - 24	2,802	3,156	2,308	2,087	20 - 24
25 - 29	2,052	1,692	3,112	2,130	25 - 29
30 - 34	1,351	1,077	2,152	1,151	30 - 34
35 - 39	889	945	969	405	35 - 39
40 - 44	825	565	972	589	40 - 44
45 - 49	380	301	394	287	45 - 49
50 - 54	658	357	674	400	50 - 54
55 - 59	109	227	349	111	55 - 59
60 - 64	734	387	207	174	60 - 64
65 - 69	140	219	102	40	65 - 69
70 - 74	344	345	111	102	70 - 74
75 - 79	25	90	115	54	75 - 79
80 - 84	77	60	71	53	80 - 84
85 - 89	78	14	28	37	85 - 89
90+	73	188	8	8	90+
TOTAL	**13,624**	**12,920**	**13,703**	**9,513**	

Source: City of Edmonton, Civic Census, 1983.
City of Edmonton, Planning Department estimates.

TABLE 2.20 POPULATION BY LENGTH OF RESIDENCY, CITY OF EDMONTON, 1983

	MALE	FEMALE	TOTAL
Less than 1 year at present address	65,589	61,751	127,340
- Coming from elsewhere in Edmonton	(51,610)	(48,464)	(100,074)
- Coming from elsewhere in Alberta	(6,711)	(6,425)	(13,136)
- Coming from Atlantic Provices	(671)	(731)	(1,402)
- Coming from Ontario	(1,824)	(1,624)	(3,448)
- Coming from Quebec	(592)	(531)	(1,123)
- Coming from rest of Canada	(2,347)	(2,253)	(4,600)
- Coming from other countries	(1,834)	(1,723)	(3,557)
1-2 years at present address	57,077	55,720	112,797
3-4 years at present address	43,528	43,942	87,470
5 or more years at present address	115,696	116,782	232,478
TOTAL	**281,890**	**278,195**	**560,085**

Source: City of Edmonton, Civic Census, 1983

TABLE 2.21

BIRTHS PER 1,000 POPULATION, CITY OF EDMONTON, ALBERTA AND CANADA, 1931-1983

YEAR	EDMONTON	ALBERTA	CANADA	YEAR
1931	21.5	23.6	23.2	1931
1936	16.7	20.4	20.3	1936
1941	19.5	21.7	22.4	1941
1946	28.2	27.6	27.2	1946
1951	31.8	28.8	27.2	1951
1956	34.9	31.1	28.0	1956
1961	30.5	29.2	26.1	1961
1966	22.0	20.9	19.4	1966
1971	19.6	18.8	16.8	1971
1972	17.6	17.7	15.9	1972
1973	17.5	17.4	15.5	1973
1974	16.6	17.4	15.6	1974
1975	17.4	17.8	15.8	1975
1976	17.4	18.0	15.7	1976
1977	17.1	18.1	15.5	1977
1978	16.8	18.1	15.3	1978
1979	17.2	18.4	15.5	1979
1980	17.9	19.1	15.5	1980
1981	18.7	19.1	15.3	1981
1982	19.5	19.4	15.1	1982
1983	19.4	19.3	15.0	1983

Sources: Statistics Canada, Catalogue 84-204, 1975-1983.
City of Edmonton, Local Board of Health.

TABLE 2.22

MARRIAGES PER 1,000 POPULATION, CITY OF EDMONTON, ALBERTA AND CANADA, 1931 - 1983

YEAR	EDMONTON	ALBERTA	CANADA	YEAR
1931	15.5	7.0	6.4	1931
1936	16.5	7.8	7.4	1936
1941	21.6	10.6	10.6	1941
1946	19.1	11.8	10.9	1946
1951	17.1	9.9	9.2	1951
1956	13.2	8.9	8.3	1956
1961	11.3	7.9	7.0	1961
1966	10.0	8.1	7.8	1966
1971	11.7	9.6	8.9	1971
1972	11.3	9.9	9.2	1972
1973	11.2	9.7	9.0	1973
1974	10.9	9.7	8.9	1974
1975	11.5	9.9	8.7	1975
1976	11.5	9.7	8.4	1976
1977	11.1	9.5	8.0	1977
1978	10.8	9.4	7.9	1978
1979	10.6	9.4	7.9	1979
1980	11.3	10.0	8.0	1980
1981	11.0	9.7	7.8	1981
1982	11.0	9.6	7.6	1982
1983	10.1			1983

Sources: Statistics Canada, Catalogue 84-205, 1975-1983.
City of Edmonton, Local Board of Health.

TABLE 2.23

DEATHS PER 1,000 POPULATION, CITY OF EDMONTON, ALBERTA AND CANADA, 1931-1983

YEAR	EDMONTON	ALBERTA	CANADA	YEAR
1931	6.5	7.2	10.2	1931
1936	8.1	8.0	9.9	1936
1941	7.8	8.0	10.1	1941
1946	8.4	8.2	9.4	1946
1951	7.1	7.6	9.0	1951
1956	6.3	6.9	8.2	1956
1961	6.2	6.7	7.7	1961
1966	5.4	6.6	7.5	1966
1971	5.7	6.5	7.3	1971
1972	5.8	6.5	7.4	1972
1973	5.8	6.4	7.4	1973
1974	6.0	6.6	7.7	1974
1975	5.9	6.4	7.3	1975
1976	5.8	6.3	7.3	1976
1977	5.9	6.1	7.2	1977
1978	5.8	6.1	7.2	1978
1979	5.9	6.0	7.1	1979
1980	5.7	5.9	7.2	1980
1981	5.7	5.7	7.1	1981
1982	5.6	5.6	7.0	1982
1983	5.4	5.2	7.1	1983

Sources: Statistics Canada, Catalogue 84-206, 1975-1983.
City of Edmonton, Local Board of Health.
Alberta Bureau of Statistics.

TABLE 2.24

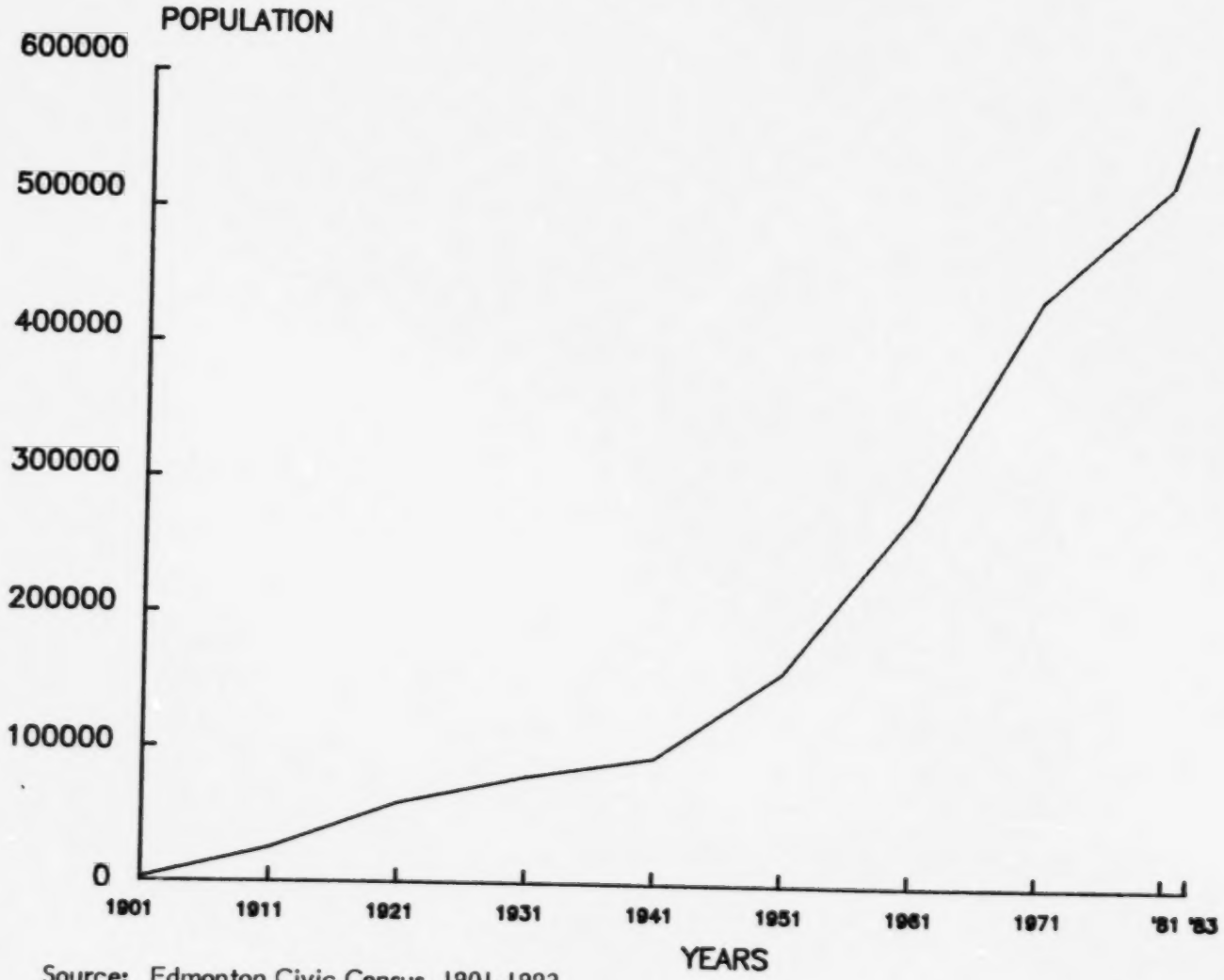
RATES OF NATURAL INCREASE PER 1,000 POPULATION, CITY OF EDMONTON, ALBERTA AND CANADA, 1931 - 1983

YEAR	EDMONTON	ALBERTA	CANADA	YEAR
1931	14.6	16.3	13.0	1931
1936	8.6	12.4	10.4	1936
1941	11.7	13.7	12.3	1941
1946	19.8	19.4	17.8	1946
1951	24.7	21.2	18.2	1951
1956	28.6	24.2	19.8	1956
1961	24.3	22.5	18.4	1961
1966	16.6	14.3	11.9	1966
1971	13.9	12.3	9.5	1971
1972	11.8	11.2	8.5	1972
1973	11.7	11.0	8.1	1973
1974	10.6	10.8	8.2	1974
1975	11.6	11.4	8.4	1975
1976	11.6	11.7	8.4	1976
1977	11.3	12.0	8.3	1977
1978	11.0	12.0	8.1	1978
1979	11.3	12.4	8.4	1979
1980	12.2	12.2	8.3	1980
1981	12.9	13.3	8.2	1981
1982	13.9	13.8	8.1	1982
1983				1983

Sources: Statistics Canada, Catalogue 84-206, 1975-1983.
City of Edmonton, Local Board of Health.

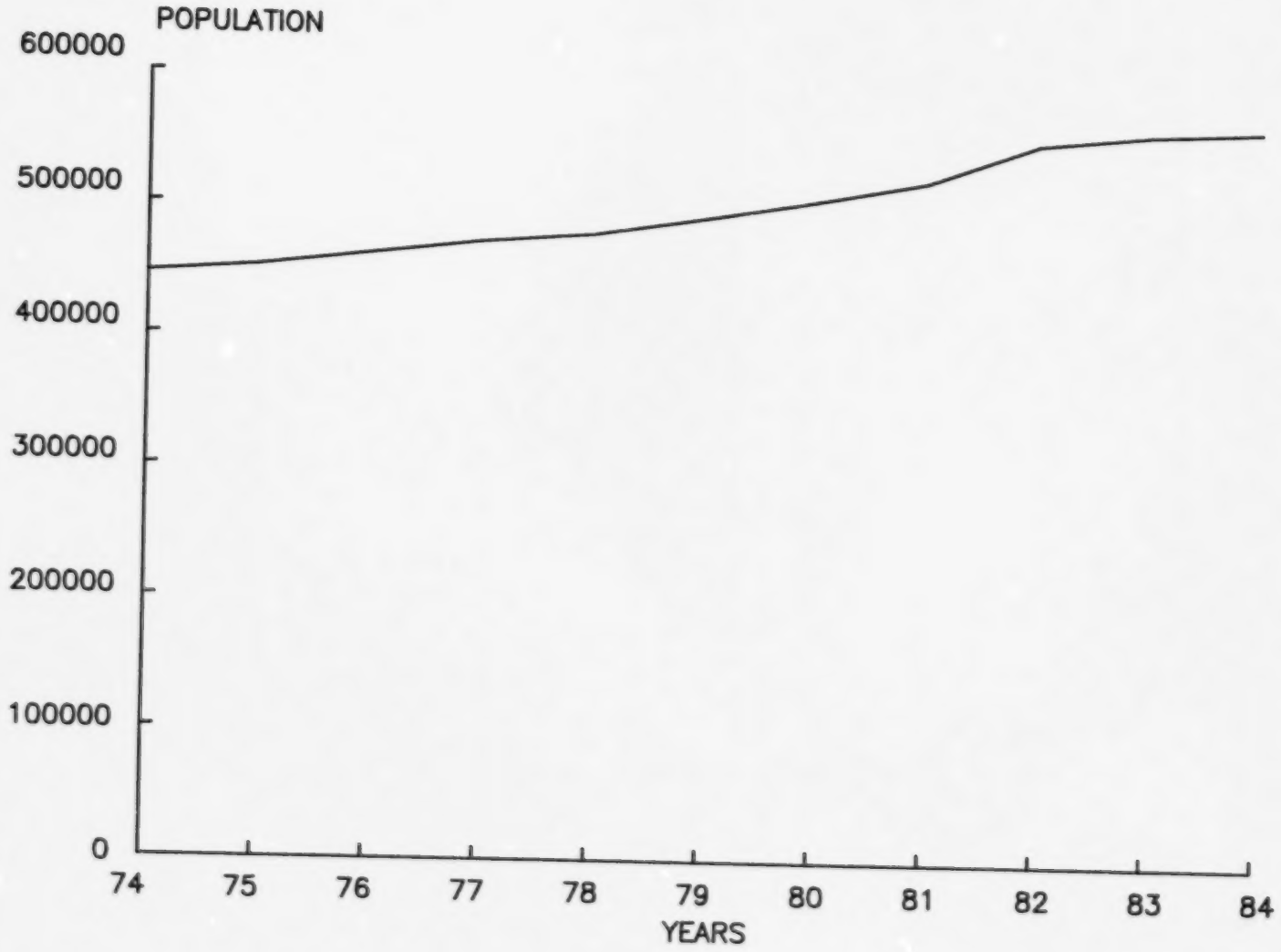
FIGURE 2.1

CITY OF EDMONTON POPULATION, 1901-1983



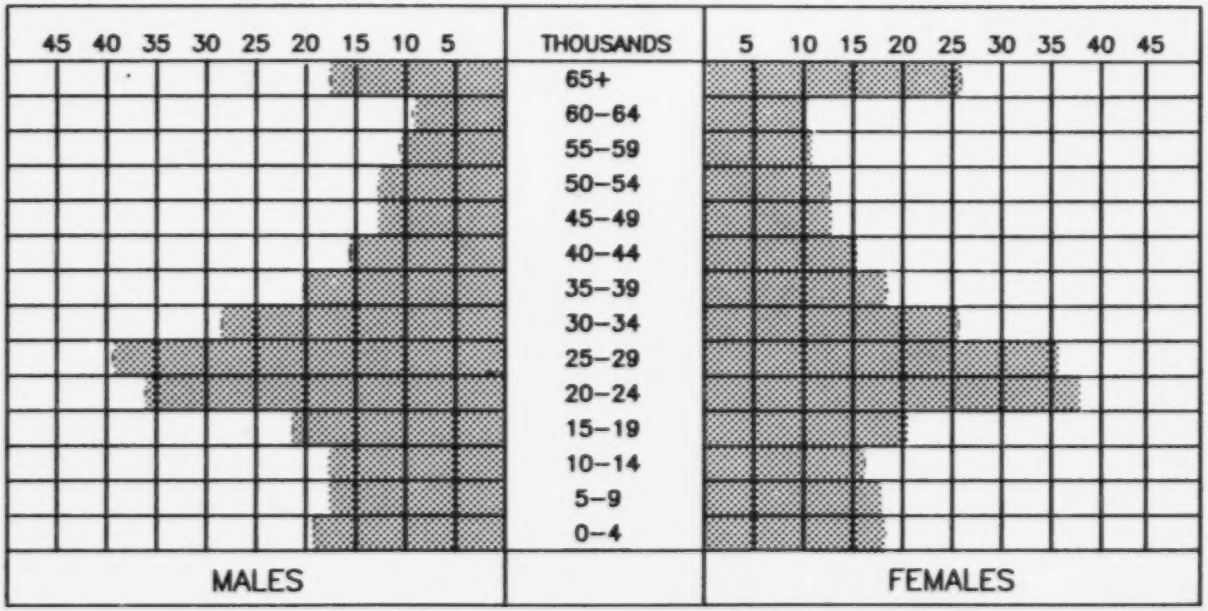
Source: Edmonton Civic Census, 1901-1983

FIGURE 2.2 POPULATION GROWTH, CITY OF EDMONTON, 1974-1984



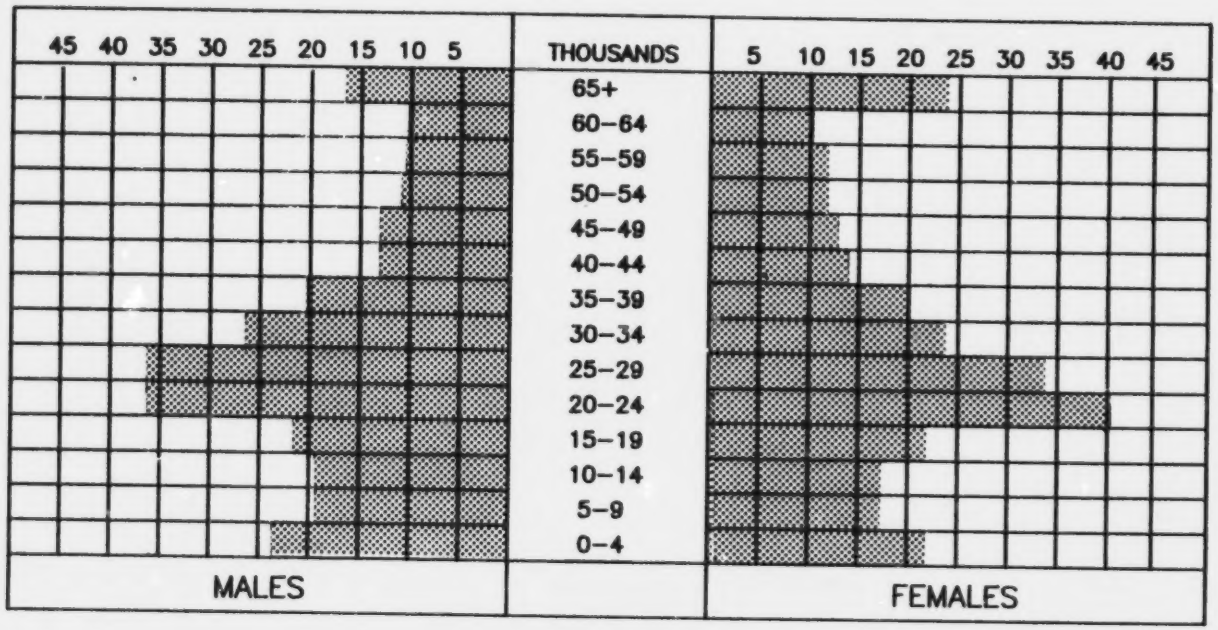
Source: Table 2.1

FIGURE 2.3 POPULATION DISTRIBUTION BY AGE AND SEX, CITY OF EDMONTON, 1983



Source: Table 2.2

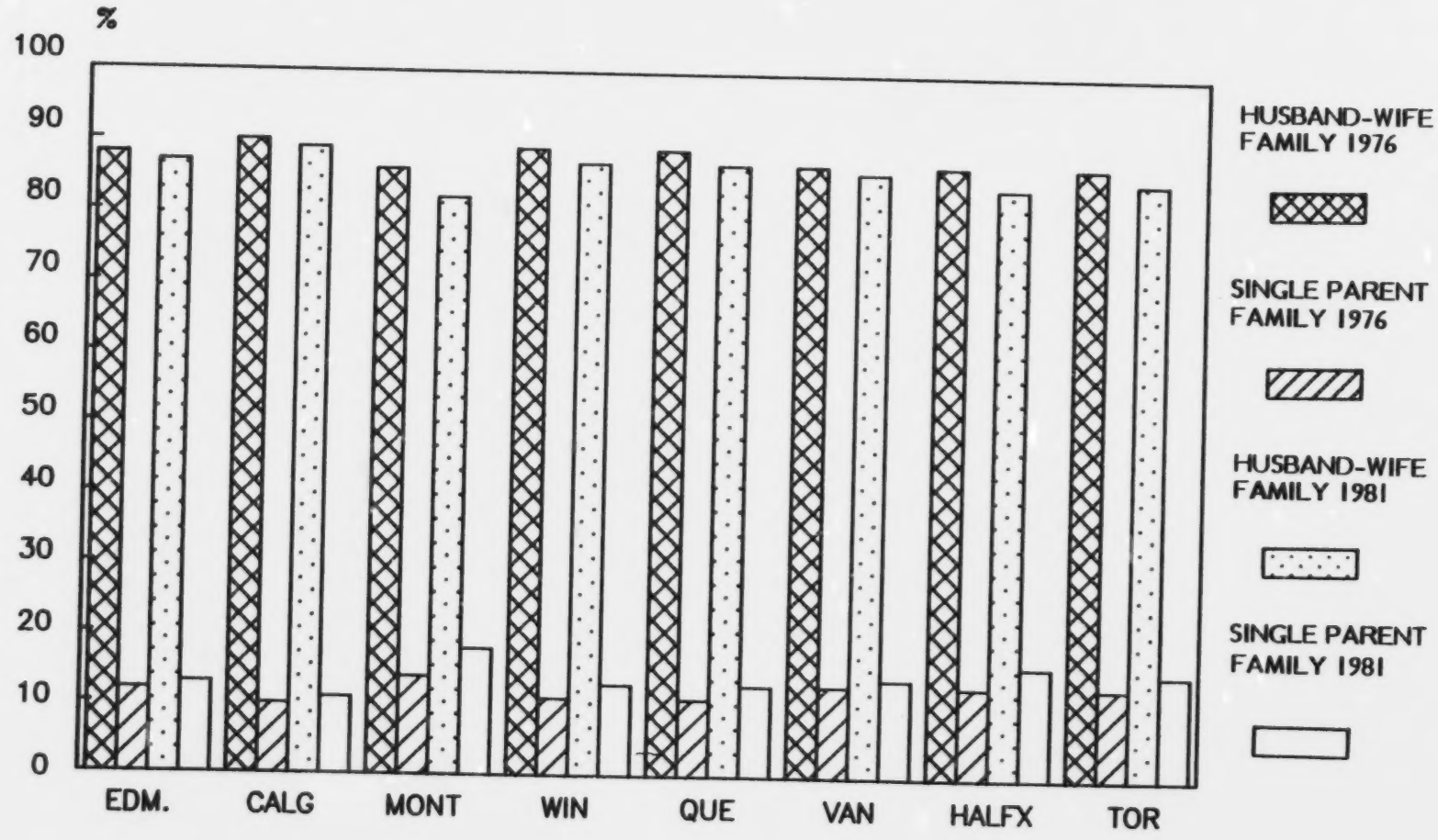
FIGURE 2.4 POPULATION DISTRIBUTION BY AGE AND SEX, CITY OF EDMONTON, 1984



Source: Table 2.3

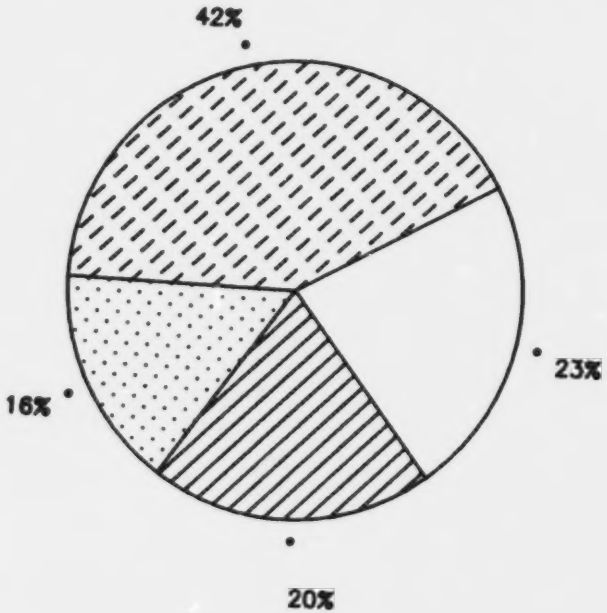
FIGURE 2.5

CENSUS FAMILIES IN PRIVATE HOUSEHOLDS FOR SELECTED CANADIAN CITIES, 1976, 1981

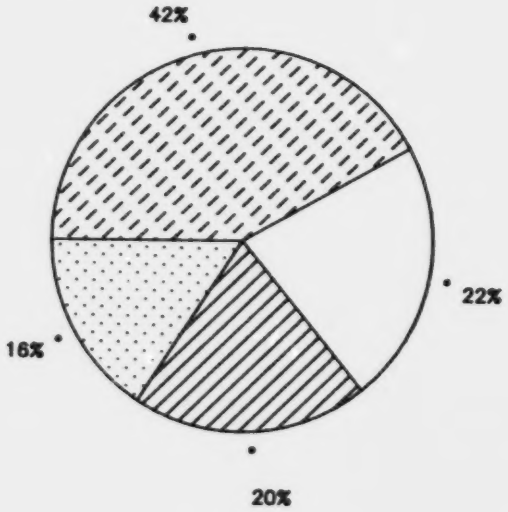


Source: Table 2.12

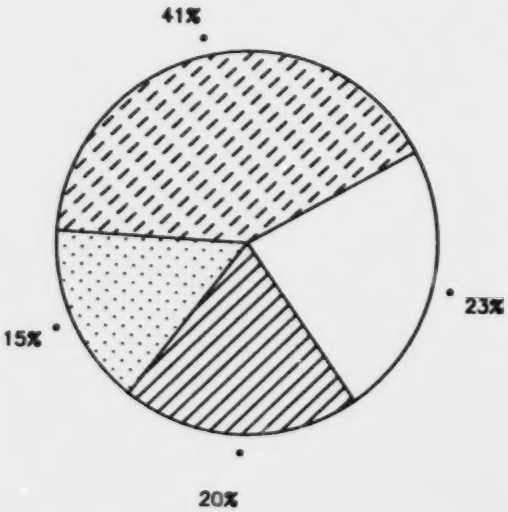
FIGURE 2.6 POPULATION BY LENGTH OF RESIDENCY, CITY OF EDMONTON, 1983



TOTAL



MALE



FEMALE

LESS THAN ONE YEAR

1-2 YEARS

3-4 YEARS

5 OR MORE YEARS

Source: Table 2.20

CHAPTER 3 THE DEMOGRAPHY OF EDMONTON SUBAREAS

3.1 Household demography of Edmonton subareas

Most Districts have continually increased in number of households while average household size has stabilized since 1981. Table 3.1 shows the development of average household size in the twelve Districts since 1976. Table 3.2 shows the parallel growth of population in the Districts and Table 3.3 shows the growth of households in each of the Districts between 1976 and 1984. The number of households in the city appears to be increasing at a slower pace since 1981 and the same trend can be identified in population growth.

For present purposes, households are divided into family households and non-family households. Family households comprise three further groupings: husband and wife, husband and wife with children, and single parent households. Non-family households are divided into single adult households and 'other' households. These types are defined in more detail in the Appendix. Households are also grouped according to the number of persons within the household.

The source information based on the 1981 federal census is presented in Tables 3.4-3.7. The 1984 estimates of the various household demographic parameters are presented in Tables 3.8-3.11. There were 24% of households that included one person only, 31% that had two people, 18% that had three people, 23% that had four to five people and 4% that had six or more people. This was also the approximate distribution within each of the Districts. Households by their various types were quite evenly distributed among the Districts, ranging from 6% of the total in District 8, to 11% of the total in Districts 9 and 12 (Tables 3.4 and 3.8).

When considering distribution of households by type, the most noticeable fact in all Districts is that households with husband and wife and children were the largest group, accounting for 35% of all households. Husband-and-wife households with no children, and single-person households, each accounted for 24% of all households. Single parent households comprised 9% of total households. Of all single parent households, 85% had a female parent (Tables 3.6 and 3.10).

Except for single-person households, the percentage distribution of the different household types was similar among the twelve Districts (Tables 3.6 and 3.10). Single-person households were heavily concentrated in Districts 1 (downtown) and 9 (the university area). These two Districts combined contained 41% of all single-person households (Tables 3.4 and 3.8).

In 1981, there were 86,847 households with children, or 44% of all households. Of all households with children, 40% had one child, 37% had two children, 21% had three to four children, and 2% had 5 or more children. With the exception of households in Districts 1 and 2 (central area), which have relatively few children, households with children were fairly evenly distributed between the Districts. However, when considered as a share of all households within each District, households with children varied considerably between the Districts. For example, households with children made up just 13% of all households in District 1 while in District 11, 66% of households had children (Tables 3.7 and 3.11).

3.2 Population and household changes by neighbourhood, 1978-1983

Between 1978 and 1983, Edmonton's population increased from 478,000 to 560,000 while the number of households increased from 172,000 to 212,000. This increase was not evenly distributed throughout the city. Some neighbourhoods gained in population and number of households,

while other decreased. Most of the population and household increase happened in District 11, while most of the decrease happened in District 12 (Table 3.2).

At the neighbourhood level, Tables 3.12 and 3.13 list the twenty neighbourhoods which showed the greatest increase in population and households, respectively. (For detailed maps of neighbourhoods by Districts, see Figures 3.1-3.11). Dunluce (Castle Downs), had the greatest increase in population: 4,275 persons (from 2,040 in 1978 to 6,315 in 1983). Callingwood South (West Jasper Place) had the greatest increase in the number of households: 2,016 (from none to 2,016 households in 1983). Tables 3.14 and 3.15 list the twenty neighbourhoods which showed the greatest decrease in population and households, respectively. Boyle St./McCauley (Downtown) experienced the greatest decrease in population: 2,350 persons (from 11,337 in 1978 to 8,987 in 1983), while Beacon Heights (Clareview) had the greatest decrease in the number of households: 463 (from 1,604 households in 1978 to 1,141 in 1983). It is of interest to note that neighbourhoods within and adjacent to the Downtown (Districts 1 and 2), show greater proportion of households than of population (see Figure 3.12).

Of the neighbourhoods which showed the greatest increase in population and in the number of households, many were located in plan area 11 (Mill Woods). District 12 had the greatest share of neighbourhoods which decreased in population and households. See Table 3.16 for a more detailed account of population and household change in each neighbourhoods between 1978 and 1983.

A contour map that provides an overall notion of the population distribution throughout the city is provided in Figure 3.13. Consistent with Figure 3.13, four three-dimensional images of the population distribution are in Figures 3.14-3.17. Both the contour map and the three-dimensional images are based on population density per

square kilometer calculated from the civic census, 1983, for each census tract.

The contour map in Figure 3.13 traces levels of population density, and thus identifies several density pockets. The most prominent of these pockets appear to be in District 8 (West Jasper Place), District 11 (Mill Woods) and District 5 (Castle Downs).

The three-dimensional images in Figures 3.14-3.17 provide a notion of population numbers throughout the city. The perceived height of the surface corresponds to population density per square kilometer and the undersurface volume corresponds to the total population in each area.

TABLE 3.1

AVERAGE HOUSEHOLD SIZE BY DISTRICT, CITY OF EDMONTON, 1976-1984

Plan Area	1976	1978	1981	1982	1983	1984	Plan Area
1	1.92	1.86	1.66	1.68	1.63	1.65	1
2	2.51	2.31	2.18	2.16	2.19	2.21	2
3	3.36	3.32	2.96	2.90	2.94	2.94	3
4	3.62	3.32	3.19	3.34	3.14	3.15	4
5	3.61	3.23	3.07	3.07	3.07	3.13	5
6	2.88	2.62	2.48	2.45	2.43	2.41	6
7	3.26	2.90	2.74	2.84	2.69	2.67	7
8	3.42	3.22	2.99	2.95	2.88	2.82	8
9	2.56	2.39	2.27	2.49	2.15	2.32	9
10	3.50	3.28	2.98	2.96	2.95	2.94	10
11	3.54	3.26	3.25	3.27	3.22	3.20	11
12	3.16	2.91	2.66	2.50	2.59	2.50	12
CITY	**2.96**	**2.78**	**2.63**	**2.64**	**2.64**	**2.63**	

Sources: City of Edmonton, Civic Censuses, 1976-1983.

Note: Figures for 1984 are Planning Department estimates.

TABLE 3.2

POPULATION BY DISTRICT, CITY OF EDMONTON, 1976-1984

Plan Area	1976	1978	1981	1982	1983	1984	Plan Area
1	35,385	36,864	35,443	35,295	32,898	33,000	1
2	39,835	38,363	36,813	37,496	36,410	36,000	2
3	36,835	35,826	45,118	52,123	52,876	53,000	3
4	50,555	53,948	51,815	54,990	53,575	54,000	4
5	34,270	37,385	46,293	49,255	50,990	50,000	5
6	48,615	45,218	42,450	41,962	40,917	40,000	6
7	43,055	40,167	37,981	39,734	39,909	40,000	7
8	12,900	21,567	31,196	34,933	39,374	41,000	8
9	51,685	54,743	51,548	51,124	50,786	51,000	9
10	28,485	31,037	41,012	44,533	46,116	47,000	10
11	13,345	21,324	44,057	53,060	61,362	64,000	11
12	66,040	62,700	57,479	56,807	55,661	55,000	12
CITY	**461,005**	**478,066**	**521,205**	**551,312**	**560,085**	**564,000**	

Sources: City of Edmonton, Civic Censuses, 1976-1983.

Note: Figures for 1984 are Planning Department estimates.

TABLE 3.3

HOUSEHOLDS BY DISTRICT, CITY OF EDMONTON, 1976-1984

Plan Area	1976	1978	1981	1982	1983	1984	Plan Area
1	18,390	19,468	21,315	21,056	20,135	20,000	1
2	15,855	16,615	16,903	17,284	16,643	17,000	2
3	10,948	11,684	15,248	17,945	17,958	18,000	3
4	13,965	16,265	16,241	16,454	17,067	17,000	4
5	9,490	11,579	15,070	16,043	16,595	16,000	5
6	16,898	17,278	17,131	17,078	16,866	17,000	6
7	13,214	13,816	13,880	13,969	14,809	15,000	7
8	3,771	6,696	10,429	11,834	13,648	15,000	8
9	20,175	21,738	22,684	22,740	22,392	22,000	9
10	8,135	9,450	13,762	15,056	15,615	16,000	10
11	3,775	6,472	13,563	16,237	19,027	20,000	11
12	20,895	21,527	21,619	22,704	21,511	22,000	12
CITY	**155,511**	**172,184**	**197,845**	**208,400**	**212,601**	**215,000**	

Sources: City of Edmonton, Civic Censuses, 1976-1983.

Note: Figures for 1984 are Planning Department estimates.

TABLE 3.4

HOUSEHOLDS BY PERSONS PER HOUSEHOLD AND DISTRICT, CITY OF EDMONTON, 1981

Plan Area	Households by Persons					Total Households
	1	2	3	4 - 5	6 or more	
1	11,044	5,953	1,519	1,069	234	19,819
2	5,810	5,661	2,303	2,028	546	16,348
3	2,292	4,766	3,369	4,600	850	15,877
4	1,895	4,062	3,377	5,604	1,100	16,038
5	1,695	4,336	3,384	4,842	861	15,118
6	4,688	5,890	2,854	3,162	549	17,143
7	2,610	4,292	2,631	3,349	623	13,505
8	1,466	3,530	2,354	3,401	476	11,227
9	8,217	7,535	2,722	2,932	421	21,827
10	1,974	4,184	2,630	4,322	619	13,729
11	1,020	3,876	3,210	5,514	841	14,461
12	4,270	7,407	4,150	4,804	772	21,403
CITY	**46,981**	**61,492**	**34,503**	**45,627**	**7,892**	**196,495**

Source: Statistics Canada, Catalogue 95-908, 1983.

TABLE 3.5

FAMILY AND NON-FAMILY HOUSEHOLDS BY DISTRICT, CITY OF EDMONTON, 1981

Plan Area	Total Family Households	Non-Family Households			Total Family and Non-Family Households	Plan Area
		Single Adults	Other	Total Non-Family Households		
1	6,667	11,044	2,108	13,152	19,819	1
2	8,640	5,810	1,898	7,708	16,348	2
3	12,774	2,292	811	3,103	15,877	3
4	13,450	1,895	693	2,588	16,038	4
5	12,735	1,695	688	2,383	15,118	5
6	11,174	4,688	1,281	5,969	17,143	6
7	9,821	2,610	1,074	3,684	13,505	7
8	8,955	1,466	806	2,272	11,227	8
9	11,019	8,217	2,591	10,808	21,827	9
10	10,766	1,974	989	2,963	13,729	10
11	12,940	1,020	501	1,521	14,461	11
12	15,545	4,270	1,588	5,858	21,403	12
CITY	**134,486**	**46,981**	**15,028**	**62,009**	**196,495**	

Source: Statistics Canada, Catalogue 95-908, 1982.

TABLE 3.6

FAMILY HOUSEHOLDS BY TYPE AND DISTRICT, CITY OF EDMONTON, 1981

Plan Area	Husband-Wife Households			Single Parent Households			Total Family Households	Total Households	Plan Area
	Husband and Wife	Husband and Wife and Children	Total	Female Parent	Male Parent	Total			
1	4,065	1,688	5,753	695	219	914	6,667	19,819	1
2	4,075	3,235	7,310	1,084	246	1,330	8,640	16,348	2
3	3,855	7,069	10,924	1,559	291	1,850	12,774	15,877	3
4	3,120	8,125	11,245	1,983	222	2,205	13,450	16,038	4
5	3,795	7,535	11,330	1,166	239	1,405	12,735	15,118	5
6	4,743	5,048	9,791	1,193	190	1,383	11,174	17,143	6
7	3,277	5,072	8,349	1,225	247	1,472	9,821	13,505	7
8	2,634	5,036	7,670	1,120	165	1,285	8,955	11,227	8
9	5,371	4,359	9,730	1,092	197	1,289	11,019	21,827	9
10	3,114	6,526	9,640	961	165	1,126	10,766	13,729	10
11	3,425	8,255	11,680	1,056	204	1,260	12,940	14,461	11
12	6,165	7,635	13,800	1,542	203	1,745	15,545	21,403	12
CITY	**47,639**	**69,583**	**117,222**	**14,676**	**2,588**	**17,264**	**134,486**	**196,495**	

Source: Statistics Canada, Catalogue 95-908, 1983.

TABLE 3.7 FAMILY HOUSEHOLDS BY NUMBER OF CHILDREN AT HOME AND DISTRICT, CITY OF EDMONTON, 1981

Plan Area	1	2	3-4	5 or more	Total	Plan Area
1	1,506	686	342	68	2,602	1
2	2,233	1,392	825	115	4,565	2
3	3,542	3,318	1,880	179	8,919	3
4	3,516	4,020	2,564	230	10,330	4
5	3,435	3,470	1,905	130	8,940	5
6	2,878	2,174	1,259	120	6,431	6
7	2,758	2,269	1,408	109	6,544	7
8	2,298	2,641	1,311	71	6,321	8
9	2,602	1,958	1,019	69	5,648	9
10	2,558	3,169	1,813	112	7,652	10
11	3,347	4,134	1,919	115	9,515	11
12	4,065	3,348	1,842	125	9,380	12
CITY	**34,738**	**32,579**	**18,087**	**1,443**	**86,847**	

Source: Statistics Canada, Catalogue 95-908, 1983.

TABLE 3.8

HOUSEHOLDS BY PERSONS PER HOUSEHOLD AND DISTRICT, CITY OF EDMONTON, ESTIMATES FOR 1984

Plan Area	Households by Persons					Total Households	Plan Area
	1	2	3	4 - 5	6 or more		
1	11,000	6,000	2,000	1,000	200	20,000	1
2	6,000	6,000	2,000	2,000	600	17,000	2
3	3,000	5,000	4,000	5,000	1,000	18,000	3
4	2,000	4,000	4,000	6,000	1,000	17,000	4
5	2,000	4,000	4,000	5,000	900	16,000	5
6	5,000	6,000	3,000	3,000	500	17,000	6
7	3,000	5,000	3,000	3,000	700	15,000	7
8	2,000	5,000	3,000	4,000	600	15,000	8
9	8,000	8,000	3,000	3,000	400	22,000	9
10	2,000	5,000	3,000	5,000	700	16,000	10
11	1,000	5,000	5,000	8,000	1,000	20,000	11
12	4,000	8,000	4,000	5,000	800	22,000	12
CITY	**49,000**	**67,000**	**40,000**	**50,000**	**9,000**	**215,000**	**CITY**

Source: Table 3.4

Note: Figures may not add to TOTAL due to rounding.

TABLE 3.9

FAMILY AND NON-FAMILY HOUSEHOLDS

BY DISTRICT, CITY OF EDMONTON, ESTIMATES FOR 1984

Plan Area	Total Family Households	Total Non-Family Households			Total Family and Non-Family Households	Plan Area
		Single Adults	Other	Total		
1	7,000	11,000	2,000	13,000	20,000	1
2	9,000	6,000	2,000	8,000	17,000	2
3	14,000	3,000	1,000	4,000	18,000	3
4	14,000	2,000	1,000	3,000	17,000	4
5	13,000	2,000	1,000	3,000	16,000	5
6	11,000	5,000	1,000	6,000	17,000	6
7	11,000	3,000	1,000	4,000	15,000	7
8	12,000	2,000	1,000	3,000	15,000	8
9	11,000	8,000	3,000	11,000	22,000	9
10	12,000	3,000	1,000	4,000	16,000	10
11	18,000	1,000	1,000	2,000	20,000	11
12	16,000	5,000	1,000	6,000	22,000	12
CITY	**147,000**	**52,000**	**16,000**	**68,000**	**215,000**	

Source: Table 3.5

Note: Figures may not add to TOTAL due to rounding.

TABLE 3.10

FAMILY HOUSEHOLDS BY TYPE AND DISTRICT, CITY OF EDMONTON, ESTIMATES FOR 1984

Plan Area	Husband-Wife Households			Single Parent Households			Total Family Households	Total Households	Plan Area
	Husband and Wife	Husband and Wife and Children	Total	Female Parent	Male Parent	Total			
1	4,000	2,000	6,000	1,000	200	1,000	7,000	20,000	1
2	4,000	3,000	7,000	1,000	300	2,000	9,000	17,000	2
3	4,000	8,000	12,000	2,000	300	2,000	14,000	18,000	3
4	3,000	8,000	11,000	2,000	200	2,000	14,000	17,000	4
5	4,000	8,000	12,000	1,000	200	1,000	13,000	16,000	5
6	5,000	5,000	10,000	1,000	200	1,000	11,000	17,000	6
7	4,000	6,000	10,000	1,000	300	2,000	11,000	15,000	7
8	3,000	7,000	10,000	1,000	200	2,000	12,000	15,000	8
9	5,000	4,000	9,000	1,000	200	1,000	11,000	22,000	9
10	4,000	7,000	11,000	1,000	200	1,000	12,000	16,000	10
11	5,000	11,000	16,000	1,000	300	2,000	18,000	20,000	11
12	6,000	8,000	14,000	2,000	200	2,000	16,000	22,000	12
CITY	**51,000**	**77,000**	**128,000**	**16,000**	**3,000**	**19,000**	**147,000**	**215,000**	

Source: Table 3.6

Note: Figures may not add to TOTAL due to rounding.

TABLE 3.11 FAMILY HOUSEHOLDS BY NUMBER OF CHILDREN AT HOME AND DISTRICT, CITY OF EDMONTON, ESTIMATES FOR 1984

Plan Area	1	2	3-4	5 or more	Total	Plan Area
1	2,000	1,000		100	3,000	1
2	2,000	2,000	1,000	100	5,000	2
3	4,000	4,000	2,000	200	10,000	3
4	4,000	4,000	3,000	200	11,000	4
5	3,000	4,000	2,000	100	9,000	5
6	3,000	2,000	1,000	100	6,000	6
7	3,000	2,000	2,000	100	7,000	7
8	3,000	3,000	2,000	100	8,000	8
9	2,000	2,000	1,000	100	6,000	9
10	3,000	4,000	2,000	100	9,000	10
11	4,000	6,000	3,000	100	13,000	11
12	4,000	3,000	2,000	100	9,000	12
CITY	**37,000**	**37,000**	**21,000**	**1,000**	**96,000**	

Source: Table 3.7

Note: Figures may not add to TOTAL due to rounding.

TABLE 3.12 NEIGHBOURHOODS RANKED BY POPULATION INCREASE, CITY OF EDMONTON, 1978-1983

Neighbourhood	Plan Area	1978	1983	Absolute Change
Dunluce	11	2,040	6,315	4,275
Callingwood South	8	0	4,260	4,260
Baturyn	5	1,707	5,349	3,642
Hillview	11	68	3,641	3,573
Bannerman	3	0	3,472	3,472
Sakaw	11	0	3,323	3,323
LaPerle	8	377	3,367	2,990
Ermineskin	10	485	3,474	2,989
Greenview	11	12	2,981	2,969
Meyokumin	11	10	2,911	2,901
Blue Quill	10	1,217	4,111	2,894
Pollard Meadows	11	0	2,764	2,764
Kernohan	3	217	2,839	2,622
Ormsby Place	8	1,297	3,919	2,622
Hairsine	3	0	2,613	2,613
Overlanders	3	0	2,583	2,583
Carlisle	5	1,345	3,896	2,551
Daly Grove	11	1	2,514	2,513
Crawford Plains	11	1	2,379	2,378
Minchau	11	0	2,182	2,182

Source: City of Edmonton, Civic Censuses, 1978, 1983.

TABLE 3.13 NEIGHBOURHOODS RANKED BY INCREASE IN NUMBERS OF HOUSEHOLDS, CITY OF EDMONTON, 1978-1983

Neighbourhood	Plan Area	1978	1983	Absolute Change
Callingwood South	8	0	2,016	2,016
Dunluce	5	649	2,097	1,448
Ermineskin	10	132	1,350	1,218
Blue Quill	10	361	1,572	1,211
Hillview	11	27	1,179	1,152
Bannerman	3	0	1,137	1,137
LaPerle	8	133	1,200	1,067
Baturyn	5	544	1,606	1,062
Sakaw	11	1	959	958
Sky Rattler	10	73	1,003	930
Greenview	11	8	927	919
Overlanders	3	0	902	902
Hairsine	3	0	886	886
Carlisle	5	367	1,214	847
Meyokumin	11	7	828	821
Ormsby Place	8	472	1,282	810
Pollard Meadows	11	2	796	794
Daly Grove	11	5	798	793
Kernohan	3	69	840	771
Crawford Plains	11	5	773	768

Source: City of Edmonton, Civic Censuses, 1978, 1983.

TABLE 3.14 NEIGHBOURHOODS RANKED BY POPULATION DECREASE, CITY OF EDMONTON, 1978-1983

Neighbourhood	Plan Area	1978	1983	Absolute Change	Percent Change
Boyle Street/McCauley	1	11,337	8,987	-2,350	-21
Beacon Heights	3	5,097	3,395	-1,702	-33
Ottewell	12	8,830	7,416	-1,414	-16
Downtown	1	6,870	5,498	-1,372	-20
Parkdale	2	4,399	3,300	-1,099	-25
Coronet Industrial	12	959	0	-959	-100
Garneau	9	7,187	6,347	-840	-12
Sherbrooke	6	3,403	2,720	-683	-20
Delwood	4	5,228	4,553	-675	-13
Forest Heights	12	5,263	4,601	-662	-13
Killarney	4	5,148	4,505	-643	-12
Beverly Heights	3	5,160	4,529	-631	-12
Westmount	6	6,230	5,620	-610	-10
Mill Woods Campus	11	584	0	-584	-100
Capilano	12	3,826	3,244	-582	-15
Parkview	6	4,486	3,906	-580	-13
Ritchie	12	4,357	3,780	-577	-13
Wellington	5	4,391	3,823	-568	-13
Lynnwood	7	4,157	3,597	-560	-13
York	4	4,666	4,113	-553	-12

Source: City of Edmonton, Civic Censuses, 1978, 1983.

TABLE 3.15 NEIGHBOURHOODS RANKED BY DECREASE IN NUMBERS OF HOUSEHOLDS, CITY OF EDMONTON, 1978-1983

Neighbourhood	Plan Area	1978	1983	Absolute Change	Percent Change
Beacon Heights	3	1,604	1,141	-463	-29
Ottewell	12	2,809	2,468	-341	-12
Coronet Industrial	12	325	0	-325	-100
Parkdale	2	1,617	1,317	-300	-19
McLeod	4	967	712	-255	-26
Mill Woods Campus	11	176	0	-176	-100
Sherbrooke	6	1,143	993	-150	-13
Alberta Avenue	2	1,003	888	-115	-11
Northlands	1	275	165	-110	-40
Elmwood	7	1,119	1,015	-104	-9
Lynnwood	7	1,408	1,310	-98	-7
Stadium Station	1	1,268	1,175	-93	-7
Oleskiw	8	274	181	-93	-34
Laurier Heights	6	1,029	936	-93	-9
Spruce Avenue	2	1,396	1,306	-90	-6
Dovercourt	6	912	831	-81	-9
West Meadowlark	7	1,315	1,235	-80	-6
Duggan	10	1,636	1,558	-78	-5
Strathearn	12	1,245	1,168	-77	-6
Westmount	6	2,760	2,683	-77	-3

Source: City of Edmonton, Civic Censuses, 1978, 1983.

(continued on next page)

TABLE 3.16 POPULATION AND HOUSEHOLDS IN NEIGHBOURHOODS, CITY OF EDMONTON, 1978, 1983

Plan Area		Neighbourhood	1978 Population	1978 Households	1978 Household size	1983 Population	1983 Households	1983 Household size
1	1	Oliver	14,077	9,025	1.56	14,107	9,485	1.49
	2	Downtown	6,870	3,571	1.92	5,498	3,719	1.48
	3	Rossdale	425	184	2.31	341	173	1.97
	4	Boyle St./McCauley	11,337	4,788	2.37	8,987	4,928	1.82
	5	Riverdale	921	357	2.58	1,225	490	2.50
	6	Stadium Station	2,512	1,268	1.98	2,393	1,175	2.04
	7	Northlands	722	275	2.63	347	165	2.10
		TOTAL	36,864	19,468	1.89	32,898	20,135	1.63
2	8	Queen Mary Park	5,709	3,024	1.89	5,768	3,081	1.87
	9	Central McDougall	3,768	2,123	1.77	4,068	2,241	1.82
	10	Prince Rupert	1,486	613	2.42	1,378	616	2.24
	11	Municipal Airport	0	0	.00	0	0	.00
	12	Spruce Avenue	3,695	1,396	2.65	3,485	1,306	2.67
	13	Norwood	4,523	1,712	2.64	4,570	1,920	2.38
	14	Parkdale	4,399	1,617	2.72	3,300	1,317	2.51
	15	Westwood	3,860	1,856	2.08	3,382	1,789	1.89
	16	Alberta Avenue	2,576	1,003	2.57	2,096	888	2.36
	17	Delton	2,386	891	2.68	2,395	945	2.53
	18	Eastwood	2,940	1,214	2.42	3,110	1,358	2.29
	19	Coliseum Station	1,108	439	2.52	1,070	451	2.37
	20	Elmwood Park	1,913	727	2.63	1,788	731	2.45
	21	Yellowhead	0	0	.00	0	0	.00
		TOTAL	38,363	16,615	2.31	36,410	16,643	2.19
3	22	Abbottsfield	1,225	380	3.22	2,098	684	3.07
	23	Bannerman	0	0	.00	3,472	1,137	3.05
	24	Beacon Heights	5,097	1,604	3.18	3,395	1,141	2.98
	25	Bellevue	1,303	524	2.49	1,256	505	2.49
	26	Belmont	3,139	957	3.28	4,182	1,227	3.41

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TABLE 3.16 POPULATION AND HOUSEHOLDS IN NEIGHBOURHOODS, CITY OF EDMONTON, 1978, 1983

Plan Area		Neighbourhood	1978 Population	1978 Households	1978 Household size	1983 Population	1983 Households	1983 Household size
	27	Bergman	738	230	3.21	1,111	336	3.31
	28	Beverly Heights	5,160	1,684	3.06	4,529	1,679	2.70
	29	Clareview Campus	48	18	2.67	52	14	3.71
	30	Canon Ridge	0	0	.00	81	33	2.45
	31	Fraser	0	0	.00	1,942	679	2.86
	32	Hairsine	0	0	.00	2,613	886	2.95
	33	South Sturgeon Annex	0	0	.00	434	69	6.29
	34	Evergreen	0	0	.00	2,013	659	3.05
	35	Highlands	3,136	1,228	2.55	3,095	1,243	2.49
	36	Homesteader	3,394	947	3.58	3,818	1,162	3.29
	37	Kernohan	217	69	3.14	2,839	840	3.38
	38	Kirkness	48	18	2.67	1,115	393	2.84
	39	Montrose	3,502	1,320	2.65	3,143	1,333	2.36
	40	Newton	2,953	989	2.99	2,960	1,058	2.80
	41	Overlanders	0	0	.00	2,583	902	2.86
	42	Rundle Heights	3,502	977	3.58	3,549	1,088	3.26
	43	Sifton Park	2,223	679	3.27	2,500	843	2.97
	44	Industrial Heights	74	31	2.39	2	14	1.00
	45	Kennedale	67	29	2.31	54	22	2.45
	46	Gorman (East)	0	0	.00	0	0	.00
	47	Clover Bar	0	0	.00	40	11	3.64
		TOTAL	35,826	11,684	3.32	52,876	17,958	2.94
4	48	Balwin	4,979	1,599	3.11	4,594	1,553	2.96
	49	Belvedere	5,211	1,602	3.25	5,083	1,840	2.76
	50	Casselman	2,258	647	3.49	3,042	984	3.09
	51	Delwood	5,228	1,373	3.81	4,553	1,370	3.32
	52	Evansdale	6,281	1,908	3.29	6,254	1,930	3.24
	53	Glengarry	4,035	1,224	3.30	3,591	1,203	2.99
	54	Kilkenney	5,678	1,743	3.26	5,452	1,726	3.16
	55	Killarney	5,148	1,768	2.91	4,505	1,736	2.60

(continued on next page)

TABLE 3.16 POPULATION AND HOUSEHOLDS IN NEIGHBOURHOODS, CITY OF EDMONTON, 1978, 1983

Plan Area		Neighbourhood	1978 Population	1978 Households	1978 Household size	1983 Population	1983 Households	1983 Household size
	56	Kildare	3,378	958	3.53	3,068	952	3.22
	57	McLeod	2,636	967	2.73	2,546	712	3.58
	58	Northmount	4,236	1,176	3.60	4,225	1,180	3.58
	59	York	4,666	1,239	3.77	4,113	1,217	3.38
	60	Lago Lindo (Lake District)	214	61	3.51	1,298	426	3.05
	61	Brintnell (Pilot Sound)	0	0	.00	134	47	2.85
	62	North Sturgeon Annex	0	0	.00	458	89	5.15
	63	Horsehills Annex	0	0	.00	659	102	6.46
	64	Clareview Business Park	0	0	.00	0	0	.00
	65	Ebbers	0	0	.00	0	0	.00
	66	Miller	0	0	.00	0	0	.00
	67	Gorman (West)	0	0	.00	0	0	.00
		TOTAL	53,948	16,265	3.32	53,575	17,067	3.14
5	68	NAR Yards	0	0	.00	0	0	.00
	69	Athlone	2,692	827	3.26	2,322	830	2.80
	70	Wellington	4,391	1,223	3.59	3,823	1,221	3.13
	71	Calder	4,643	1,663	2.79	4,559	1,791	2.55
	72	Kensington	4,497	1,337	3.36	3,958	1,276	3.10
	73	Rosslyn	3,624	1,145	3.17	3,438	1,177	2.92
	74	Lauderdale	3,300	1,137	2.90	3,046	1,144	2.66
	75	Griesbach	2,469	674	3.66	2,423	646	3.75
	76	Carlisle	1,345	367	3.66	3,896	1,214	3.21
	77	Caernarvon	3,897	1,158	3.37	4,936	1,472	3.35
	78	Dunluce	2,040	649	3.14	6,315	2,097	3.01
	79	Baturyn	1,707	544	3.14	5,349	1,606	3.33
	80	Beaumaris	0	0	.00	2,121	648	3.27
	81	Lorelei	2,780	855	3.25	4,645	1,422	3.27
	82	Northwest ASP	0	0	.00	88	27	3.26
	83	Castledowns Extension ASP	0	0	.00	71	24	2.96
		TOTAL	37,385	11,579	3.23	50,990	16,595	3.07

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TABLE 3.16 POPULATION AND HOUSEHOLDS IN NEIGHBOURHOODS, CITY OF EDMONTON, 1978, 1983

Plan Area		Neighbourhood	1978 Population	1978 Households	1978 Household size	1983 Population	1983 Households	1983 Household size
6	84	Laurier Heights	3,374	1,029	3.28	3,016	936	3.22
	85	Parkview	4,486	1,333	3.37	3,906	1,313	2.97
	86	Crestwood	2,546	829	3.07	2,345	821	2.86
	87	Grovenor	2,594	977	2.66	2,400	984	2.44
	88	Glenora	3,896	1,470	2.65	3,647	1,506	2.42
	89	Westmount	6,230	2,760	2.26	5,620	2,683	2.09
	90	North Glenora	2,302	842	2.73	2,168	841	2.58
	91	McQueen	2,091	735	2.84	1,830	758	2.41
	92	Huff Bremner Estate Industrial	0	0	.00	0	0	.00
	93	Woodcroft	2,794	1,235	2.26	2,759	1,267	2.18
	94	Inglewood	6,829	3,363	2.03	6,437	3,338	1.93
	95	Prince Charles	1,772	641	2.76	1,580	589	2.68
	96	Sherbrooke	3,403	1,143	2.98	2,720	993	2.74
	97	Dovercourt	2,901	912	3.18	2,489	831	3.00
	98	Dominion Industrial	0	0	.00	0	0	.00
	99	Brown Industrial	0	0	.00	0	0	.00
	100	Hagman Estate Industrial	0	9	.00	0	6	.00
		TOTAL	45,218	17,278	2.62	40,917	16,866	2.43
7	101	Mayfield	2,943	886	3.32	2,558	876	2.92
	102	High Park	1,720	532	3.23	1,485	512	2.90
	103	Canora	3,831	1,500	2.55	3,781	1,500	2.52
	104	West Jasper Place	3,352	1,453	2.31	3,186	1,400	2.28
	105	Glenwood	4,497	1,591	2.83	4,750	1,941	2.45
	106	Sherwood	2,090	740	2.82	1,865	781	2.39
	107	Jasper Park	1,693	608	2.78	1,408	589	2.39
	108	Meadowlark	3,260	920	3.54	2,887	922	3.13
	109	West Meadowlark	4,232	1,315	3.22	4,003	1,235	3.24
	110	Britannia/Youngstown	4,535	1,623	2.79	4,712	1,818	2.59
	111	Bonaventure	0	0	.00	0	0	.00
	112	North Industrial Area	292	121	2.41	245	129	1.90

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TABLE 3.16 POPULATION AND HOUSEHOLDS IN NEIGHBOURHOODS, CITY OF EDMONTON, 1978, 1983

Plan Area		Neighbourhood	1978 Population	1978 Households	1978 Household size	1983 Population	1983 Households	1983 Household size
	113	West Industrial Area	0	0	.00	22	11	2.00
	114	(North) Mistatim Annex	0	0	.00	59	24	2.46
	115	Big Lake Annex	0	0	.00	2,096	746	2.81
	116	Lynnwood	4,157	1,408	2.95	3,597	1,310	2.75
	117	Elmwood	3,565	1,119	3.19	3,255	1,015	3.21
		TOTAL	40,167	13,816	2.90	39,909	14,809	2.69
8	118	Quesnell Heights	513	120	4.27	454	121	3.75
	119	Rio Terrace	1,923	509	3.78	1,711	505	3.39
	120	Patricia Heights	2,180	697	3.13	1,930	692	2.79
	121	Westridge	264	69	3.83	1,563	427	3.66
	122	Oleskiw	1,079	274	3.94	661	181	3.65
	123	Terra Losa	0	0	.00	0	0	.00
	124	LaPerle	377	133	2.83	3,367	1,200	2.81
	125	Belmead	3,322	1,006	3.30	4,057	1,248	3.25
	126	Summerlea	749	210	3.57	1,086	377	2.88
	127	Thorncliff	3,158	1,034	3.05	3,861	1,275	3.03
	128	Aldergrove	3,872	1,232	3.14	4,186	1,345	3.11
	129	Callingwood	1,718	516	3.33	2,362	963	2.45
	130	Lymburn	1,115	424	2.63	3,165	1,092	2.90
	131	Callingwood South	0	0	.00	4,260	2,016	2.11
	132	Gariepy	0	0	.00	1,804	594	3.04
	133	Dechene	0	0	.00	74	27	2.74
	134	Ormsby Place	1,297	472	2.75	3,919	1,282	3.06
	135	Jamieson Place	0	0	.00	74	27	2.74
	136	Donsdale	0	0	.00	122	42	2.90
	137	Wedgewood Heights	0	0	.00	122	42	2.90
	138	Place La Rue	2	7	.29	0	0	.00
	139	Parkland Annex	0	0	.00	596	192	3.10
		TOTAL	21,567	6,696	3.22	39,374	13,648	2.88

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TABLE 3.16 POPULATION AND HOUSEHOLDS IN NEIGHBOURHOODS, CITY OF EDMONTON, 1978, 1983

Plan Area		Neighbourhood	1978 Population	1978 Households	1978 Household size	1983 Population	1983 Households	1983 Household size
9	140	Allendale	3,100	1,225	2.53	2,866	1,276	2.25
	141	Belgravia	2,754	998	2.76	2,383	955	2.50
	142	Empire Park	4,086	1,449	2.82	4,260	1,897	2.25
	143	Garneau	7,187	3,587	2.00	6,347	3,571	1.78
	144	Grandview Heights	1,464	430	3.40	1,327	372	3.57
	145	Landsdowne	1,700	537	3.17	1,523	513	2.97
	146	Lendrum	2,524	758	3.33	2,194	725	3.03
	147	Malmo Plains	3,884	1,186	3.27	3,554	1,182	3.01
	148	McKernan	2,591	1,102	2.35	2,382	1,077	2.21
	149	Parkallen	2,602	1,023	2.54	2,335	986	2.37
	150	Pleasantview	4,859	1,726	2.82	4,577	1,776	2.58
	151	Queen Alexandra	4,783	2,474	1.93	4,629	2,676	1.73
	152	Strathcona	8,867	4,752	1.87	8,446	4,905	1.72
	153	Windsor Park	1,453	491	2.96	1,353	481	2.81
	154	University	2,889	-	-	2,610	-	-
	155	University Farm	0	0	.00	0	0	.00
		TOTAL	54,743	21,738	2.52	50,786	22,392	2.27
10	156	Duggan	5,380	1,636	3.29	4,957	1,558	3.18
	157	Ermineskin	485	132	3.67	3,474	1,350	2.57
	158	Falconer Heights	0	0	.00	0	0	.00
	159	Greenfield	4,728	1,266	3.73	4,988	1,393	3.58
	160	Henderson Estate	0	0	.00	0	0	.00
	161	Hidden Brook	0	0	.00	5	1	5.00
	162	Running Creek	0	0	.00	0	0	.00
	163	Keheewin	76	25	3.04	1,116	391	2.85
	164	Ogilvie Heights	0	0	.00	0	0	.00
	165	Ramsay Heights	619	226	2.74	2,204	866	2.55
	166	Rhatigan Ridge	0	0	.00	829	242	3.43
	167	Rideau Park	1,574	625	2.52	1,795	646	2.78
	168	Royal Gardens	4,413	1,396	3.16	4,147	1,354	3.06

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TABLE 3.16 POPULATION AND HOUSEHOLDS IN NEIGHBOURHOODS, CITY OF EDMONTON, 1978, 1983

Plan Area		Neighbourhood	1978 Population	1978 Households	1978 Household size	1983 Population	1983 Households	1983 Household size
	169	Carter Crest	0	0	.00	0	0	.00
	170	Sky Rattler	236	73	3.23	2,221	1,003	2.21
	171	Steinhauer	1,237	329	3.76	2,704	804	3.36
	172	Sweet Grass	2,240	688	3.26	2,997	970	3.09
	173	Aspen Gardens	2,314	685	3.38	2,089	676	3.09
	174	Bearspaw	0	0	.00	544	167	3.26
	175	Blue Quill	1,217	361	3.37	4,111	1,572	2.62
	176	Blue Quill West	0	0	.00	1,049	393	2.67
	177	Brander Gardens	2,501	904	2.77	2,612	951	2.75
	178	Brookside	2,673	699	3.82	2,469	707	3.49
	179	Bulyea Heights	0	0	.00	0	0	.00
	180	West Brook Estate	1,344	405	3.32	1,217	390	3.12
	181	Rural Annex	0	0	.00	588	181	3.25
		TOTAL	31,037	9,450	3.28	46,116	15,615	2.95
11	182	Strathcona Industrial	86	23	3.74	31	7	4.43
	183	Parsons Industrial	6	4	1.50	4	6	.67
	184	Edmonton Research & Dev. Park	14	4	3.50	11	3	3.67
	185	Tweedle Place	3,191	964	3.31	3,572	1,088	3.28
	186	Michaels Park	2,070	665	3.11	2,426	704	3.45
	187	Greenview	12	8	1.50	2,981	927	3.22
	188	Jackson Heights	0	2	.00	0	0	.00
	189	Kiniski Gardens	1	4	.25	1,779	604	2.95
	190	Richfield	3,479	1,018	3.42	3,546	1,065	3.33
	191	Lee Ridge	2,574	760	3.39	3,204	998	3.21
	192	Hillview	68	27	2.52	3,641	1,179	3.09
	193	Minchau	0	2	.00	2,182	719	3.03
	194	Flynn Dell	0	2	.00	0	0	.00
	195	Tipaskan	1,044	333	3.14	3,003	967	3.11
	196	Kameyosek	879	263	3.34	2,541	791	3.21
	197	Tawa	0	2	.00	0	0	.00

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TABLE 3.16 POPULATION AND HOUSEHOLDS IN NEIGHBOURHOODS, CITY OF EDMONTON, 1978, 1983

Plan Area		Neighbourhood	1978 Population	1978 Households	1978 Household size	1983 Population	1983 Households	1983 Household size
	198	Weinlos	0	2	.00	1,726	616	2.80
	199	Bisset	0	2	.00	1,675	591	2.83
	200	Meyonohk	1,044	333	3.14	2,987	926	3.23
	201	Mill Woods Campus	584	176	3.32	0	0	.00
	202	Mill Woods Town Centre	1	4	.25	0	4	.00
	203	Satoo	3,109	948	3.28	3,596	1,019	3.53
	204	Ekota	1,575	453	3.48	3,055	899	3.40
	205	Pollard Meadows	0	2	.00	2,764	796	3.47
	206	Meyokumin	10	7	1.43	2,911	828	3.52
	207	Daly Grove	1	5	.20	2,514	798	3.15
	208	Menisa	1,575	453	3.48	2,886	830	3.48
	209	Sakaw	0	1	.00	3,323	959	3.47
	210	Crawford Plains	1	5	.20	2,379	773	3.08
	211	Southeast Annex	0	0	.00	2,625	930	2.82
		TOTAL	21,324	6,472	3.29	61,362	19,027	3.22
12	212	Forest Heights	5,263	1,856	2.84	4,601	1,896	2.43
	213	Terrace Heights	2,052	749	2.74	2,438	1,043	2.34
	214	Fulton Place	3,156	922	3.42	2,639	895	2.95
	215	Capilano	3,826	1,113	3.44	3,244	1,092	2.97
	216	Gold Bar	3,982	1,080	3.69	3,520	1,150	3.06
	217	Cloverdale	529	220	2.40	419	195	2.15
	218	Holyrood	4,308	1,466	2.94	3,805	1,431	2.66
	219	Strathearn	2,799	1,245	2.25	2,529	1,168	2.17
	220	Ottewell	8,830	2,809	3.14	7,416	2,468	3.00
	221	Eastgate Business Park	0	0	.00	0	0	.00
	222	Lambton Industrial	0	0	.00	0	0	.00
	223	Morris Industrial	0	0	.00	0	0	.00
	224	Gainer Industrial	0	0	.00	0	0	.00
	225	Kenilworth	3,785	1,071	3.53	3,311	1,087	3.05
	226	Idlewylde	1,735	653	2.66	1,854	837	2.22

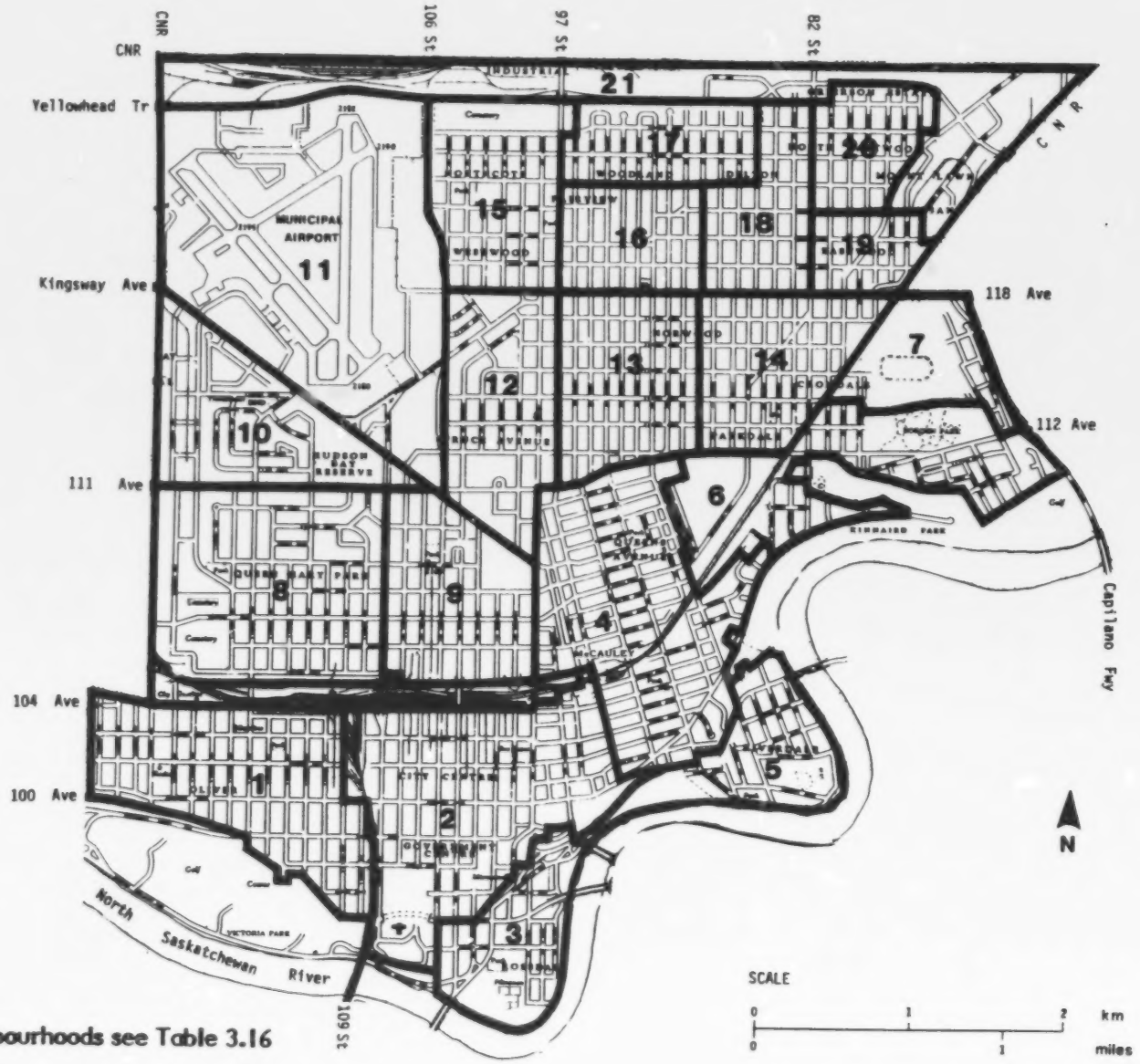
(concluded)

TABLE 3.16 POPULATION AND HOUSEHOLDS IN NEIGHBOURHOODS, CITY OF EDMONTON, 1978, 1983

Plan Area	Neighbourhood	1978 Population	1978 Households	1978 Household size	1983 Population	1983 Households	1983 Household size
227	Bonnie Doon	4,635	1,876	2.47	4,426	1,865	2.37
228	Ritchie	4,357	1,784	2.44	3,780	1,764	2.14
229	CPR (East)	0	0	.00	0	0	.00
230	Hazeldean	3,395	1,084	3.13	3,523	1,386	2.54
231	Argyll	1,089	334	3.26	939	332	2.83
232	Avonmore	2,836	896	3.17	2,479	878	2.82
233	Girard Industrial	0	0	.00	0	0	.00
234	King Edward Park	4,963	1,948	2.55	4,546	1,941	2.34
235	Rosedale Industrial	0	0	.00	0	0	.00
236	Coronet Addition Industrial	0	0	.00	0	0	.00
237	Coronet Industrial	959	325	2.95	0	0	.00
238	Papaschase Industrial	0	0	.00	0	0	.00
239	Davies Industrial (West)	4	3	1.33	0	0	.00
240	McIntyre Industrial	0	0	.00	0	0	.00
241	Davies Industrial (East)	16	15	1.07	0	0	.00
242	Roper Industrial	0	0	.00	0	0	.00
243	Weir Industrial	165	63	2.62	165	63	2.62
244	Pylypow Industrial	16	15	1.07	27	20	1.35
	TOTAL	62,700	21,527	2.91	55,661	21,511	2.59
	CITY TOTAL	**478,066**	**172,184**	**2.78**	**560,085**	**212,601**	**2.64**

Source: City of Edmonton, Civic Censuses, 1978, 1983.
Note: Figures may not add to City Total due to computer rounding.

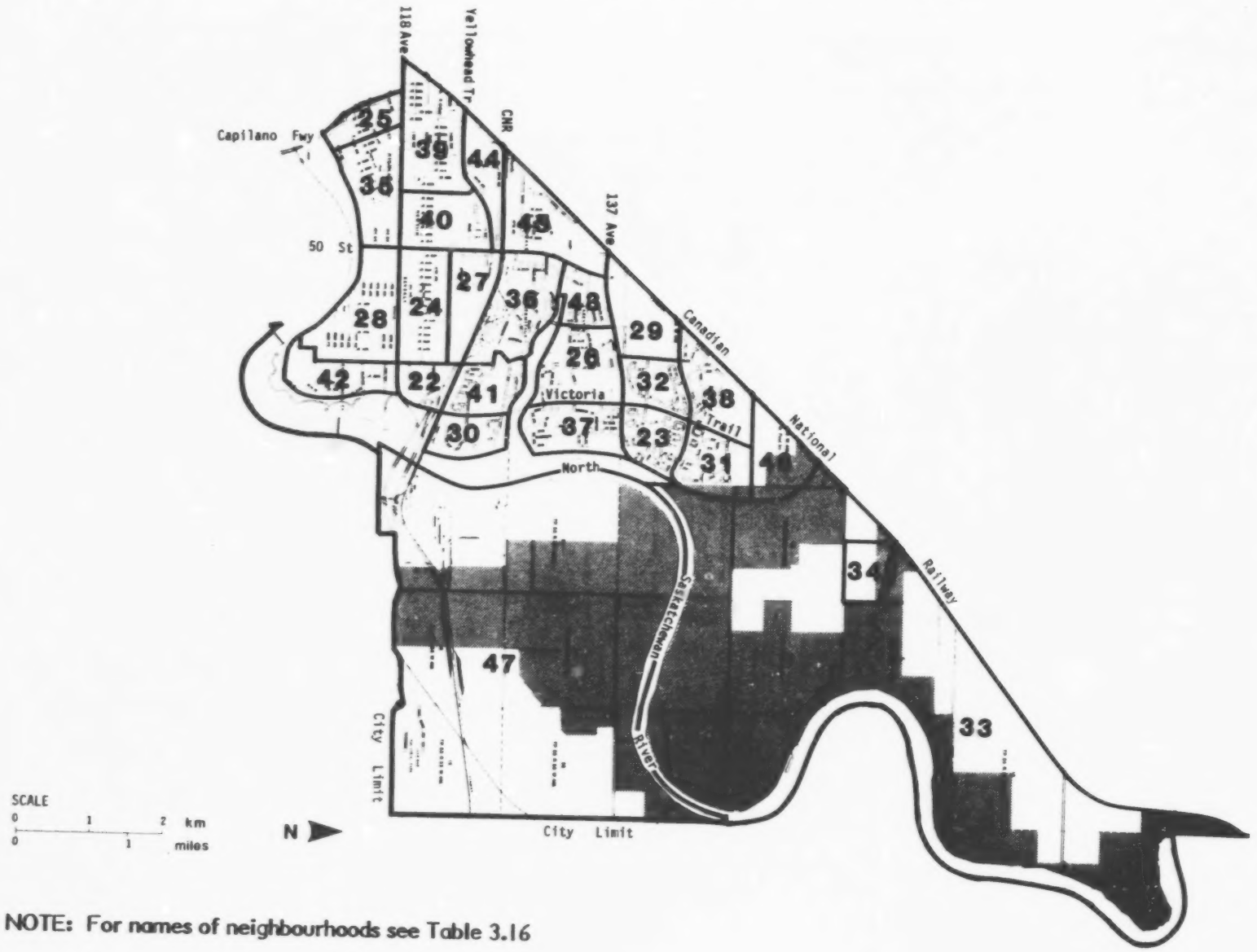
FIGURE 3.1 NEIGHBOURHOODS IN DISTRICTS 1 AND 2, CITY OF EDMONTON, 1983



NOTE:
For names of neighbourhoods see Table 3.16

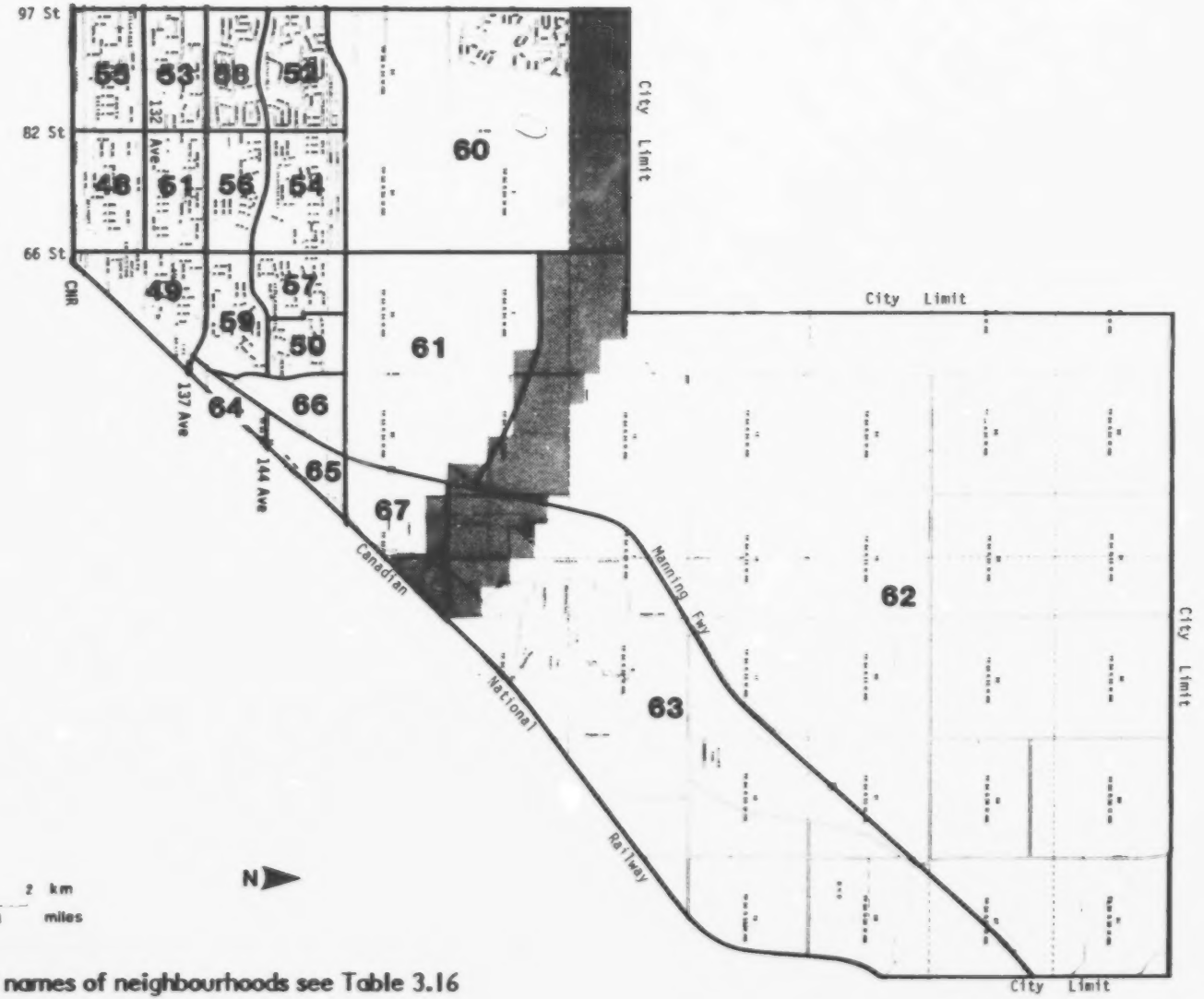
FIGURE 3.2

NEIGHBOURHOODS IN DISTRICT 3, CITY OF EDMONTON, 1983



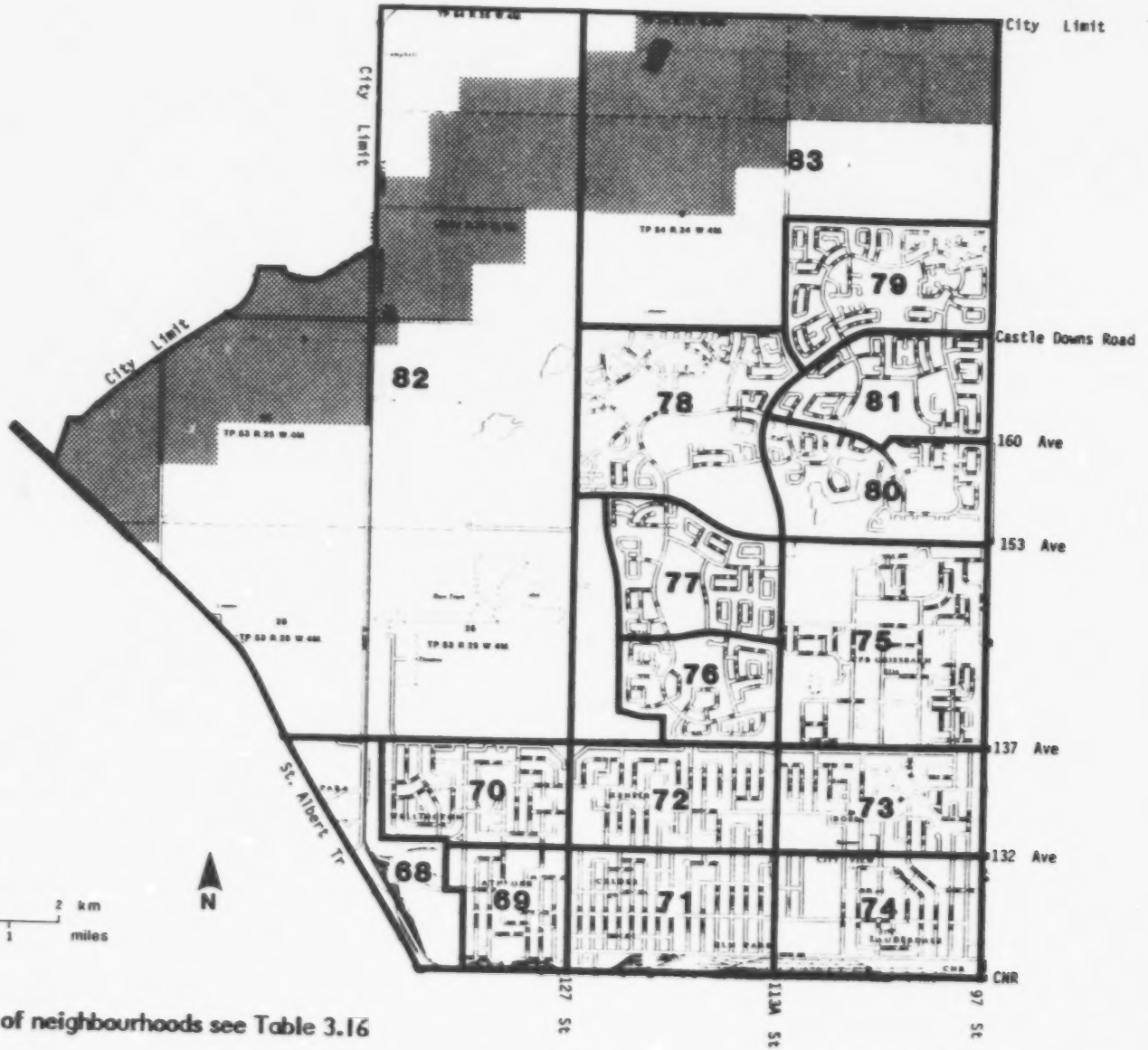
NOTE: For names of neighbourhoods see Table 3.16

FIGURE 3.3 NEIGHBOURHOODS IN DISTRICT 4, CITY OF EDMONTON, 1983



NOTE: For names of neighbourhoods see Table 3.16

FIGURE 3.4 NEIGHBOURHOODS IN DISTRICT 5, CITY OF EDMONTON, 1983

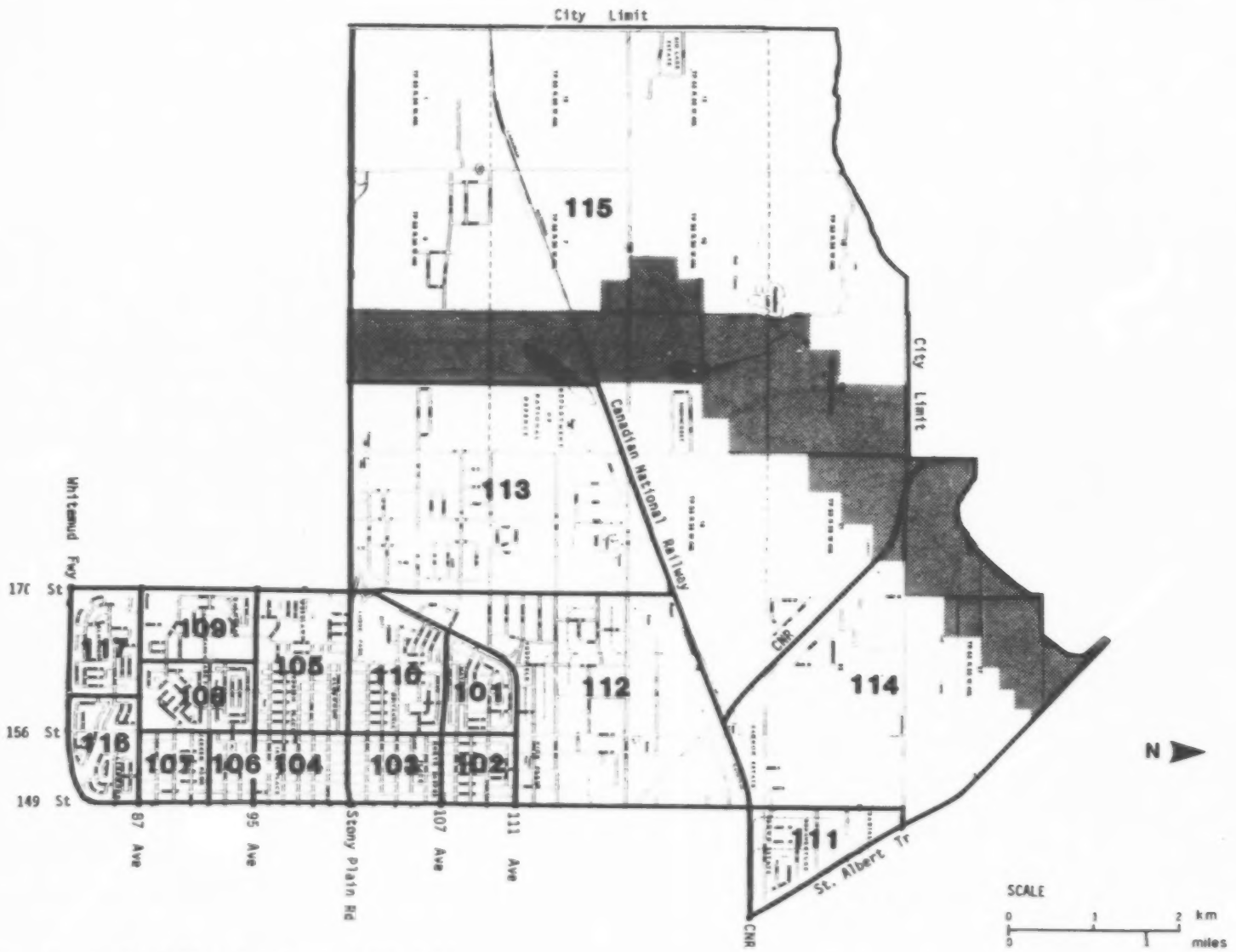


NOTE: For names of neighbourhoods see Table 3.16

FIGURE 3.5 NEIGHBOURHOODS IN DISTRICT 6, CITY OF EDMONTON, 1983

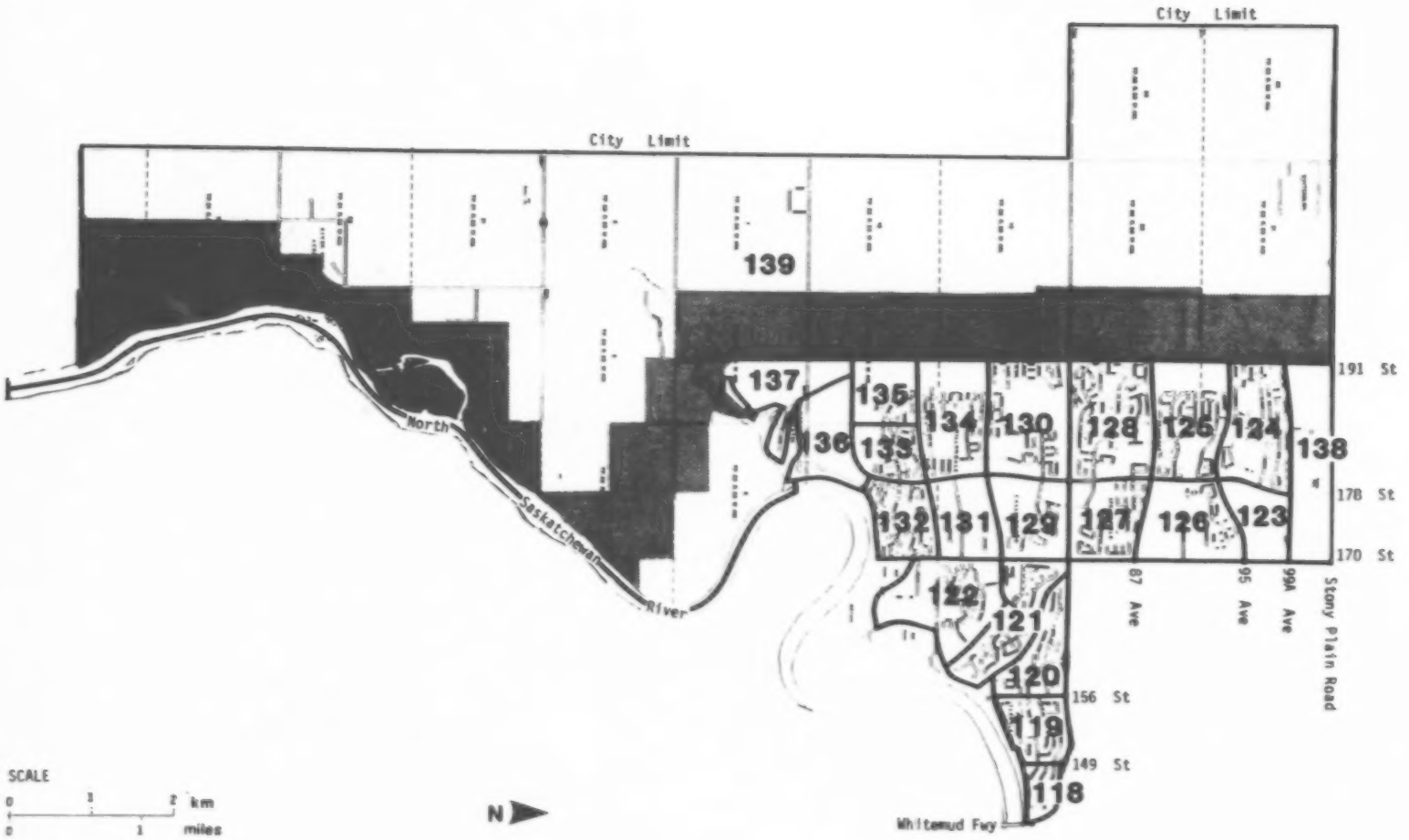
NOTE: For names of neighbourhoods see Table 3.16

FIGURE 3.6 NEIGHBOURHOODS IN DISTRICT 7, CITY OF EDMONTON, 1983



NOTE: For names of neighbourhoods see Table 3.16

FIGURE 3.7 NEIGHBOURHOODS IN DISTRICT 8, CITY OF EDMONTON, 1983



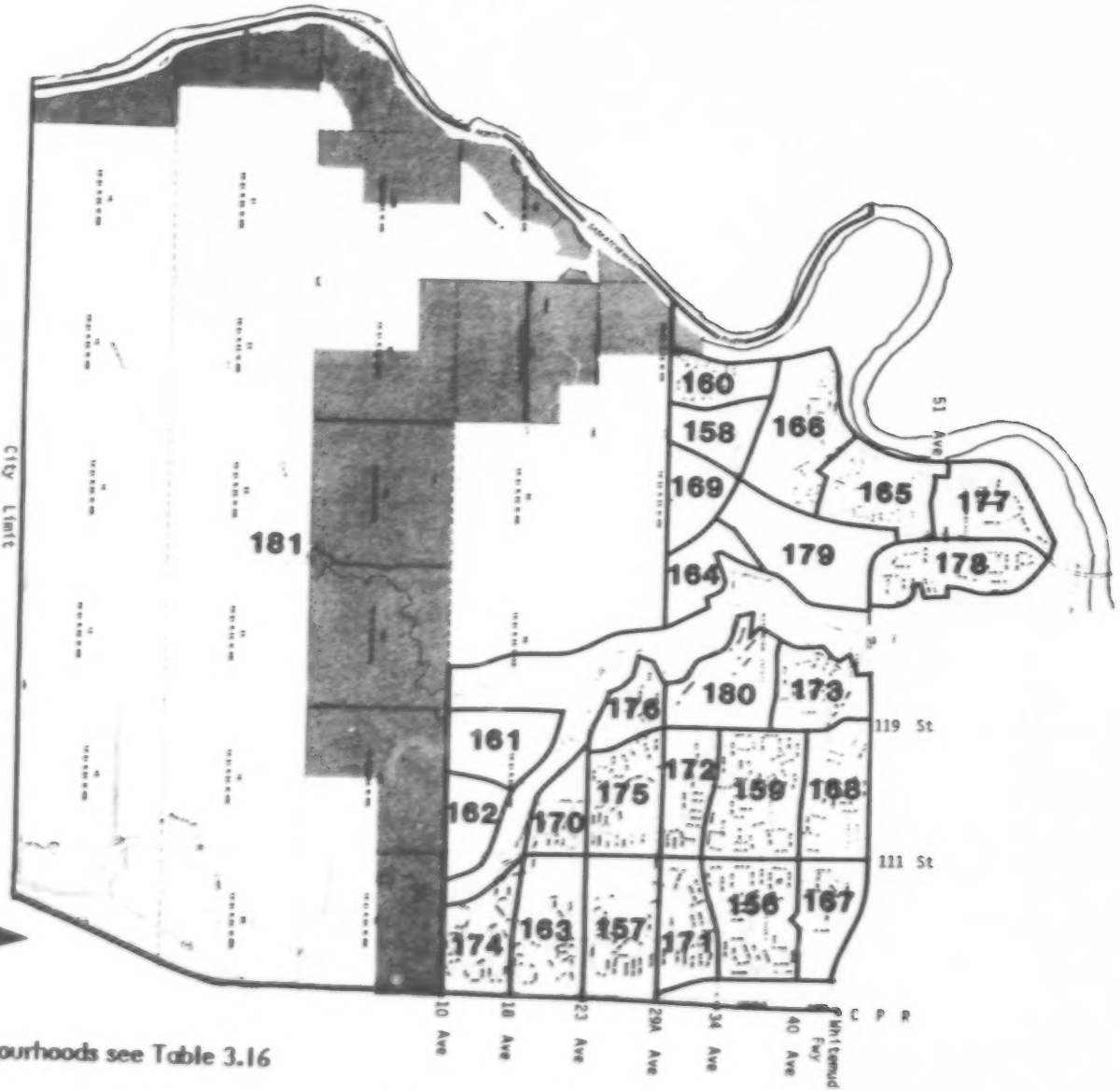
NOTE: For names of neighbourhoods see Table 3.16

FIGURE 3.8 NEIGHBOURHOODS IN DISTRICT 9, CITY OF EDMONTON, 1983

NOTE: For names of neighbourhoods see Table 3.16

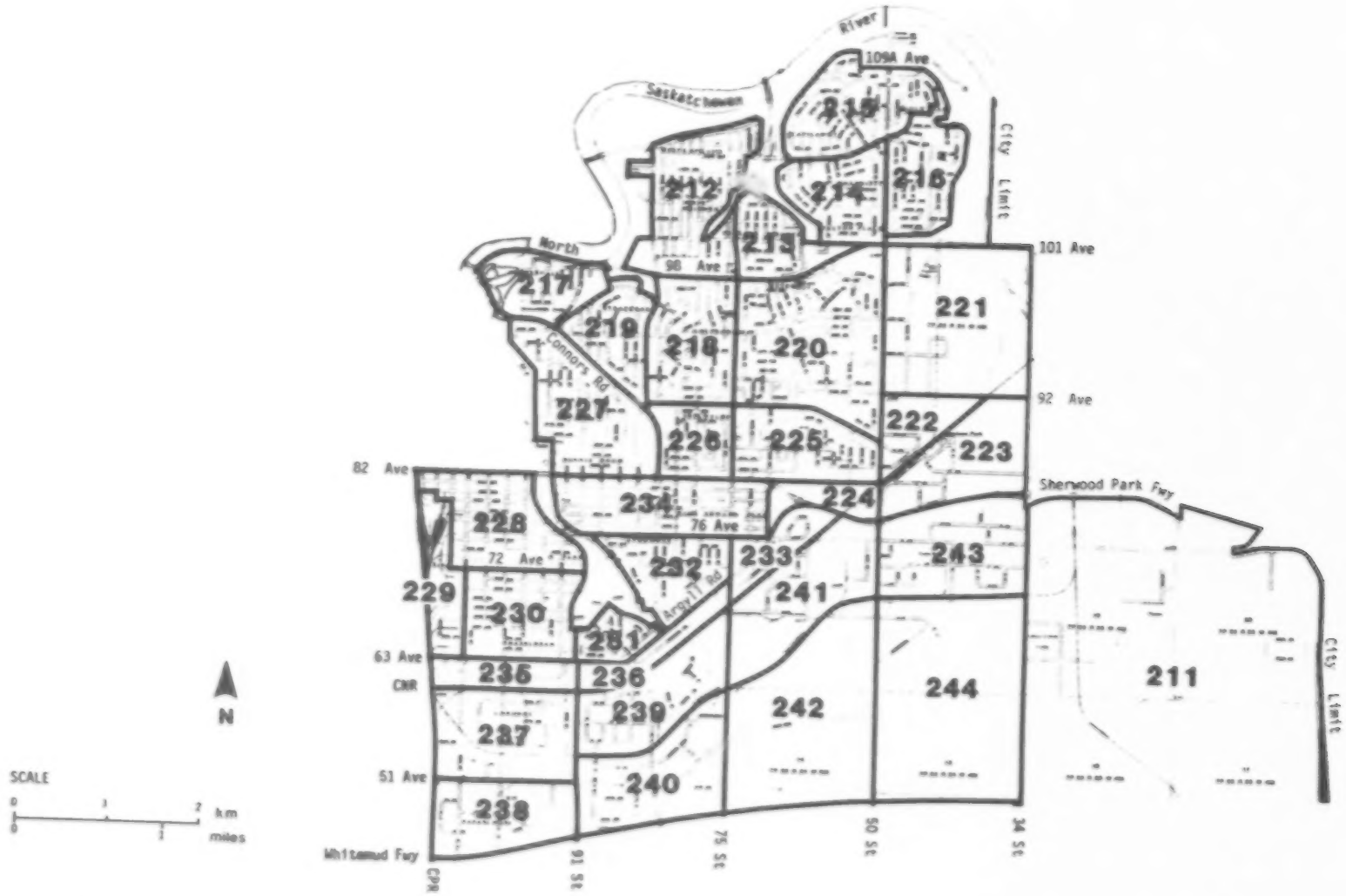
FIGURE 3.9

NEIGHBOURHOODS IN DISTRICT 10, CITY OF EDMONTON, 1983



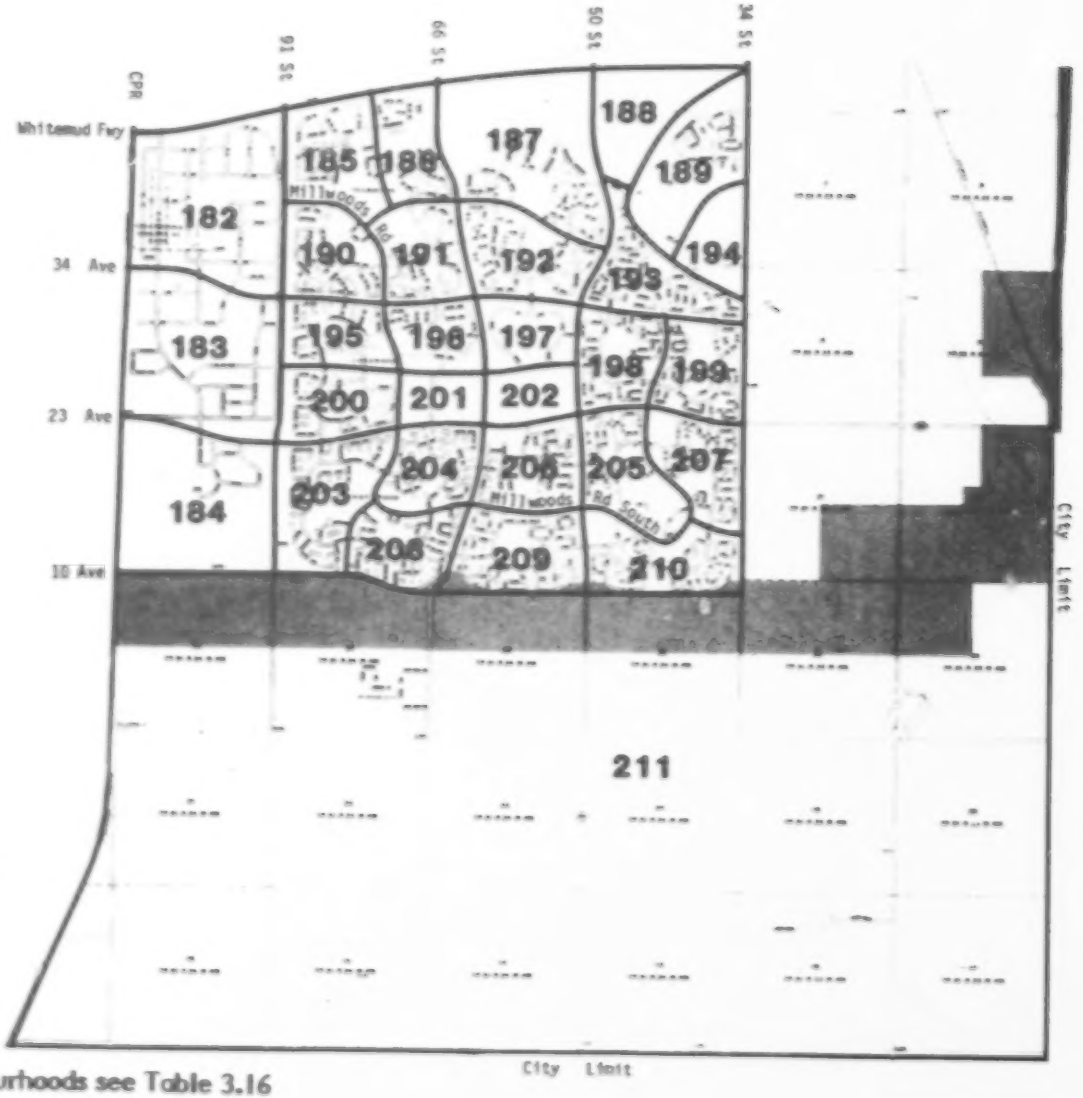
NOTE: For names of neighbourhoods see Table 3.16

FIGURE 3.10 NEIGHBOURHOODS IN DISTRICT 11, CITY OF EDMONTON, 1983



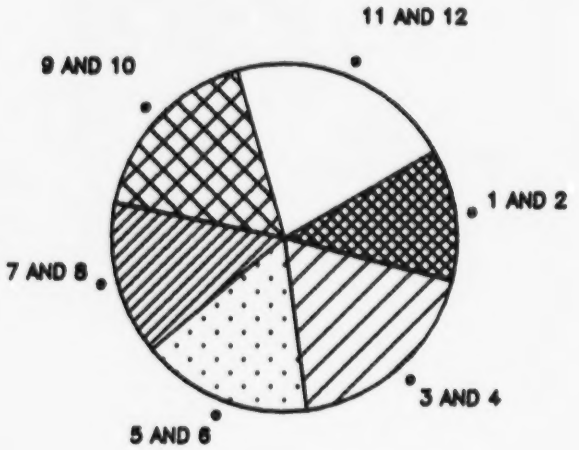
NOTE: For names of neighbourhoods see Table 3.16

FIGURE 3.11 NEIGHBOURHOODS IN DISTRICT 12, CITY OF EDMONTON, 1983

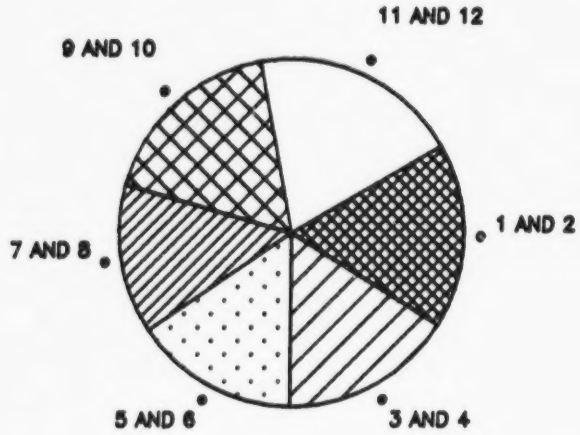


NOTE: For names of neighbourhoods see Table 3.16

FIGURE 3.12 HOUSEHOLD AND POPULATION DISTRIBUTION BY DISTRICT, 1984



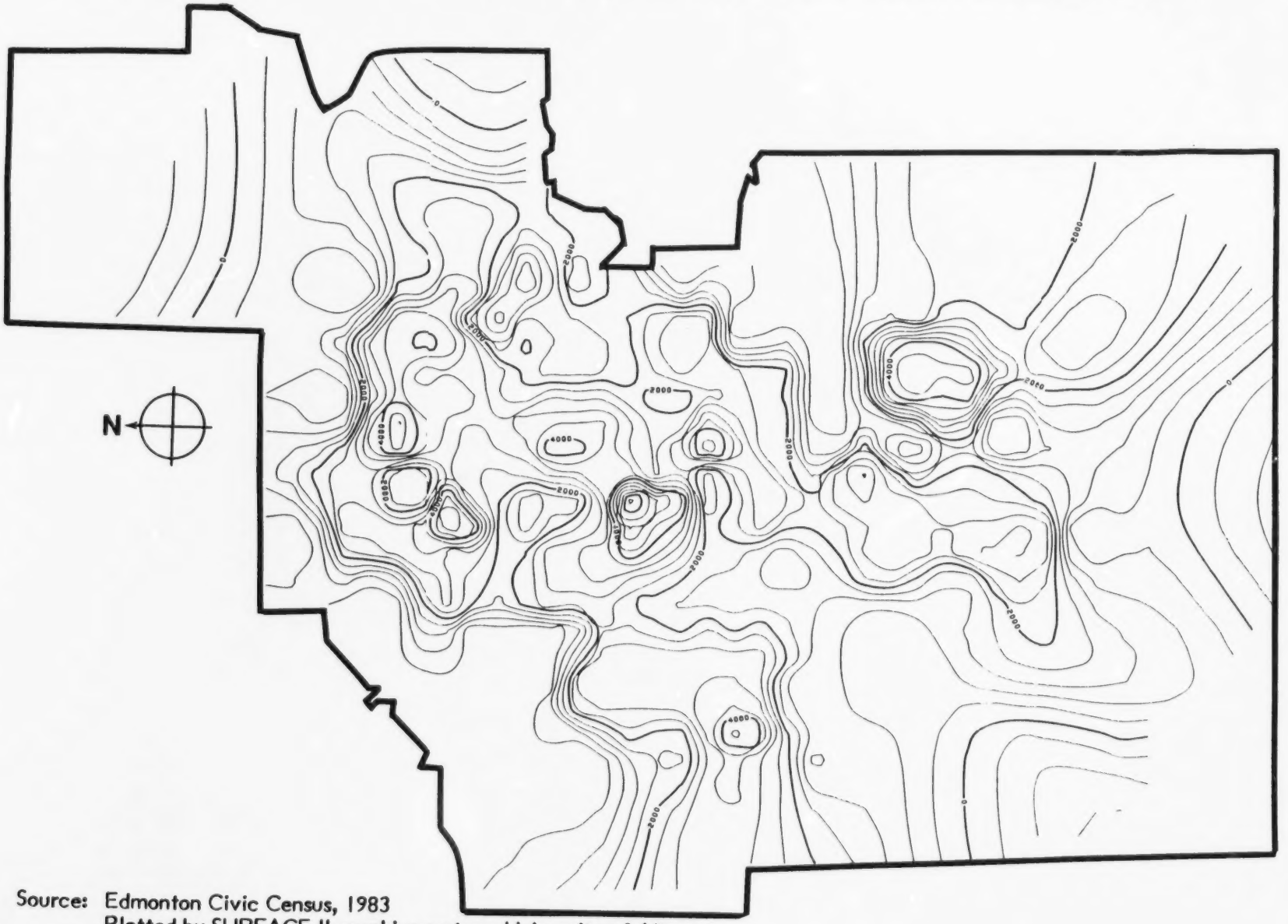
POPULATION



HOUSEHOLDS

Source: Tables 3.2, 3.3

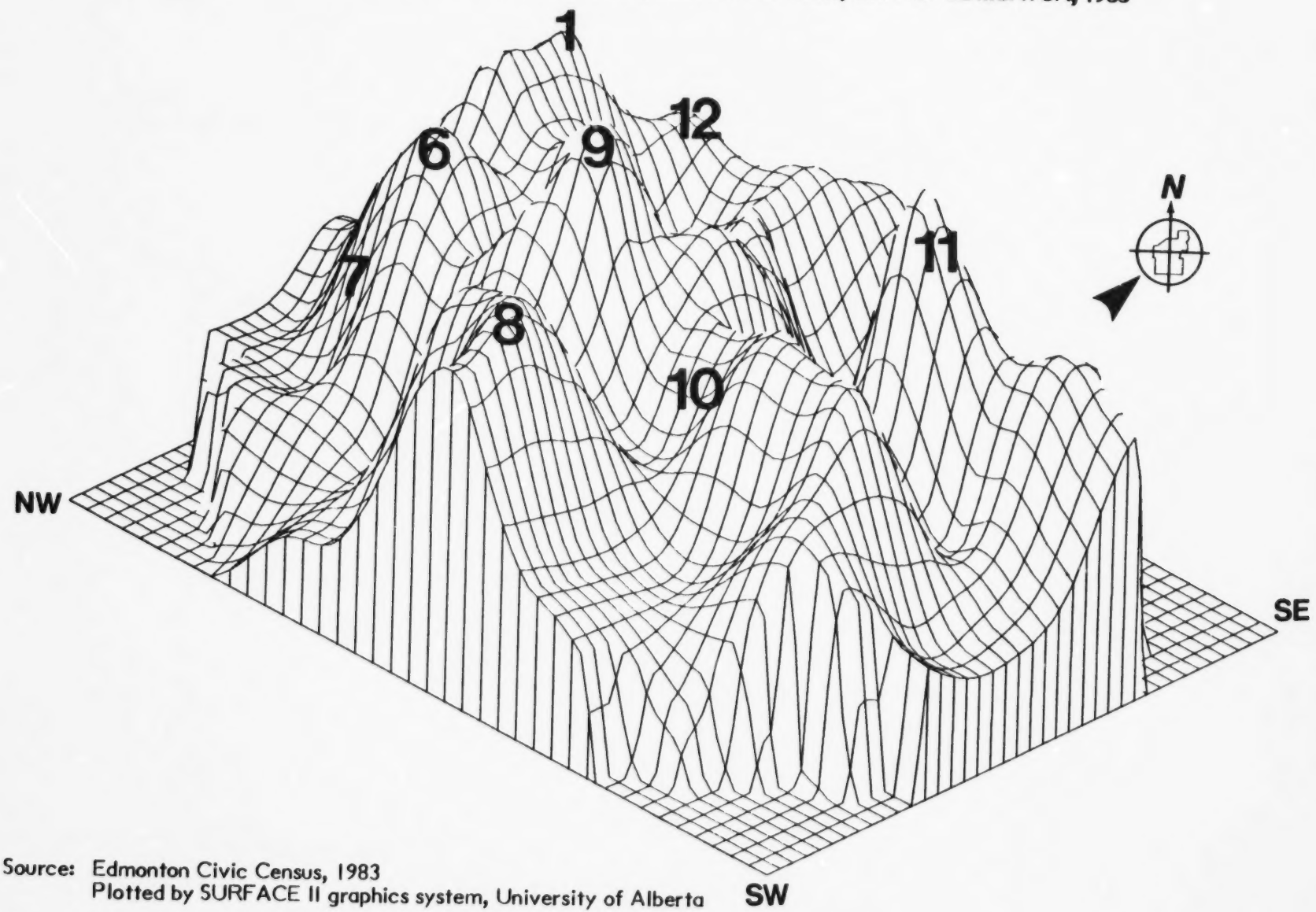
FIGURE 3.13 POPULATION DENSITY PER SQUARE KILOMETRE, CITY OF EDMONTON, 1983



Source: Edmonton Civic Census, 1983
Plotted by SURFACE II graphics system, University of Alberta

Note: Contour lines may cross due to smoothing.

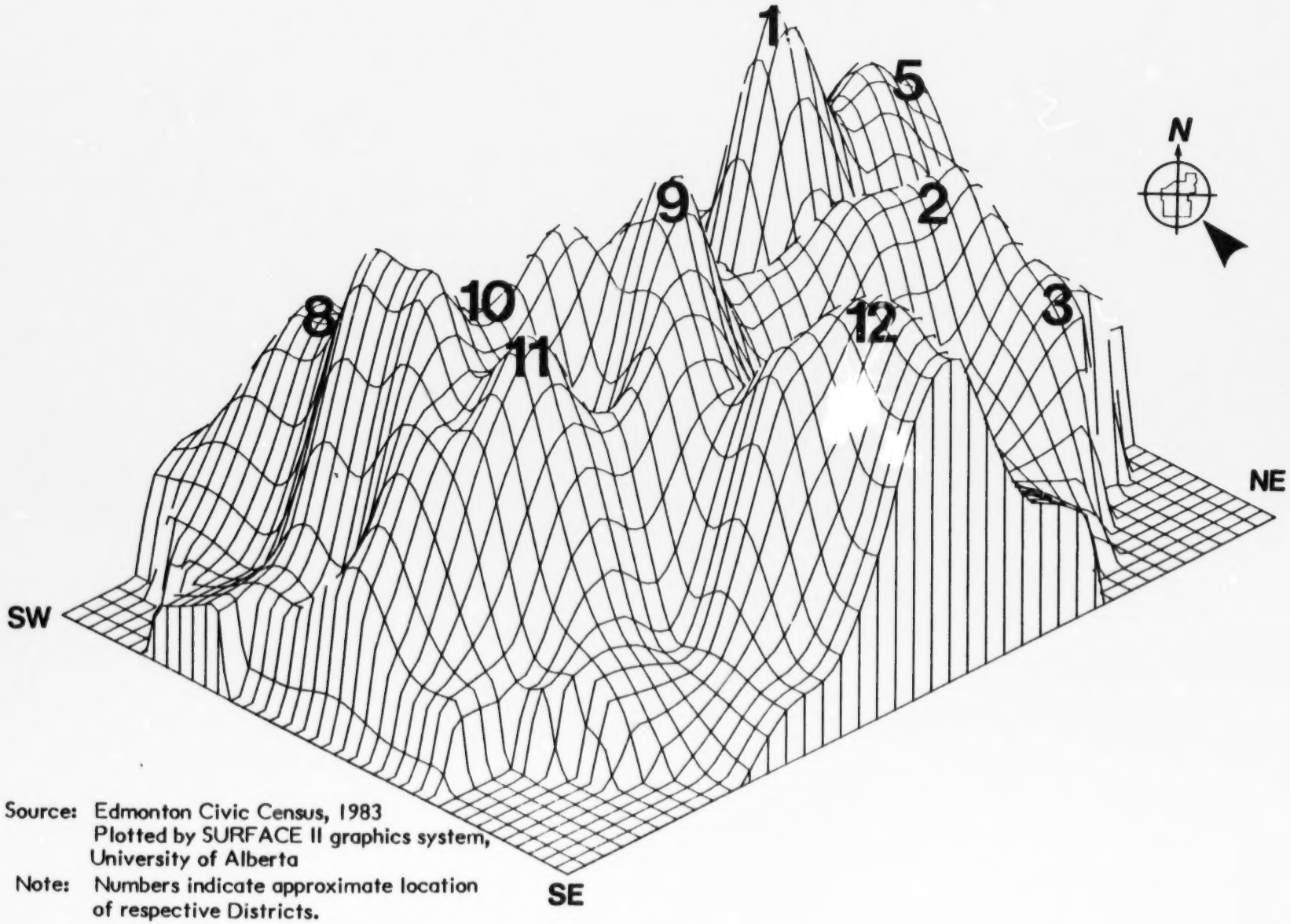
FIGURE 3.14 BLOCK DIAGRAM OF POPULATION, SOUTHWEST VIEW, CITY OF EDMONTON, 1983



Source: Edmonton Civic Census, 1983
Plotted by SURFACE II graphics system, University of Alberta

Note: Numbers indicate approximate location of respective Districts.

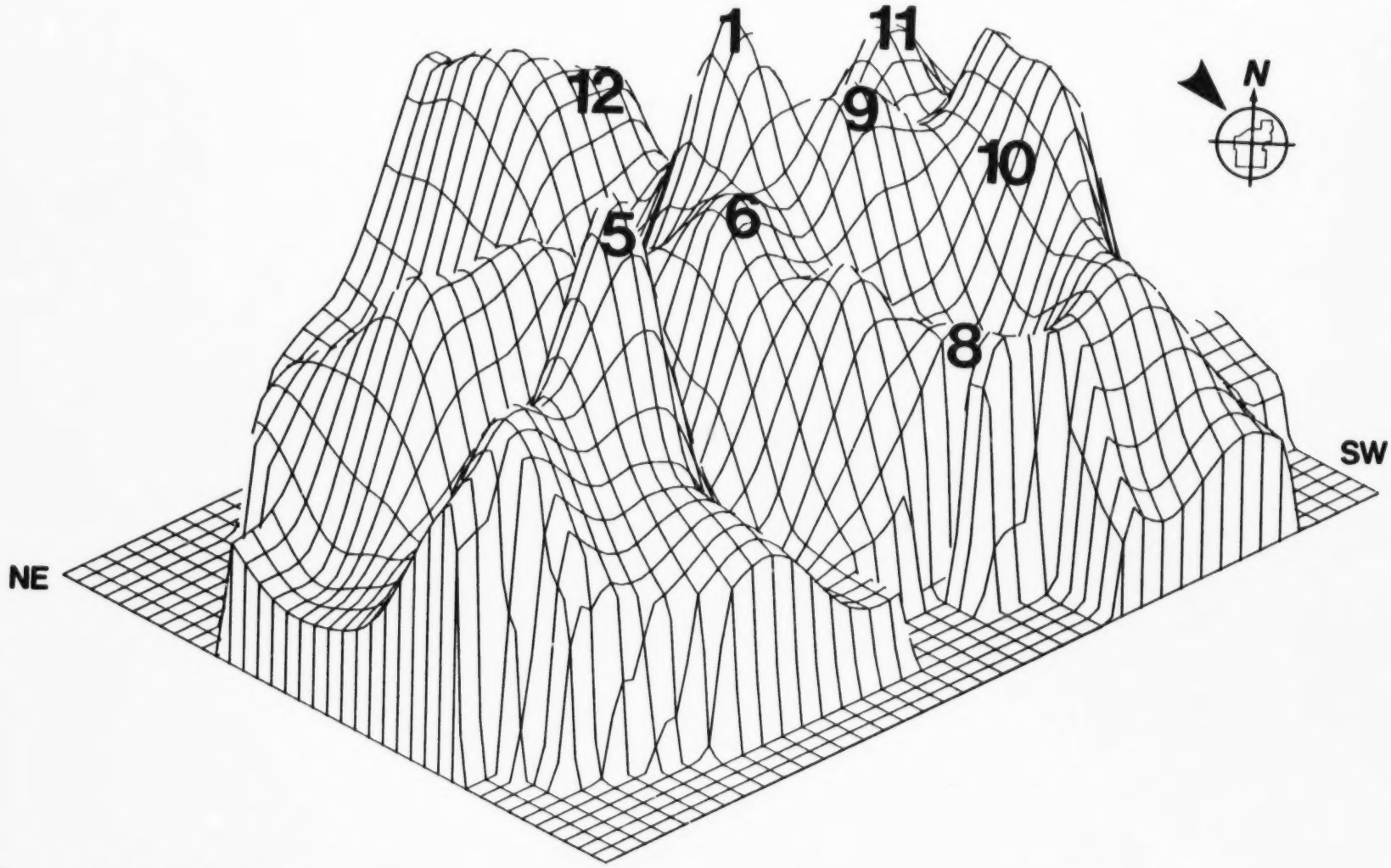
FIGURE 3.15 BLOCK DIAGRAM OF POPULATION, SOUTHEAST VIEW, CITY OF EDMONTON, 1983



Source: Edmonton Civic Census, 1983
Plotted by SURFACE II graphics system, University of Alberta

Note: Numbers indicate approximate location of respective Districts.

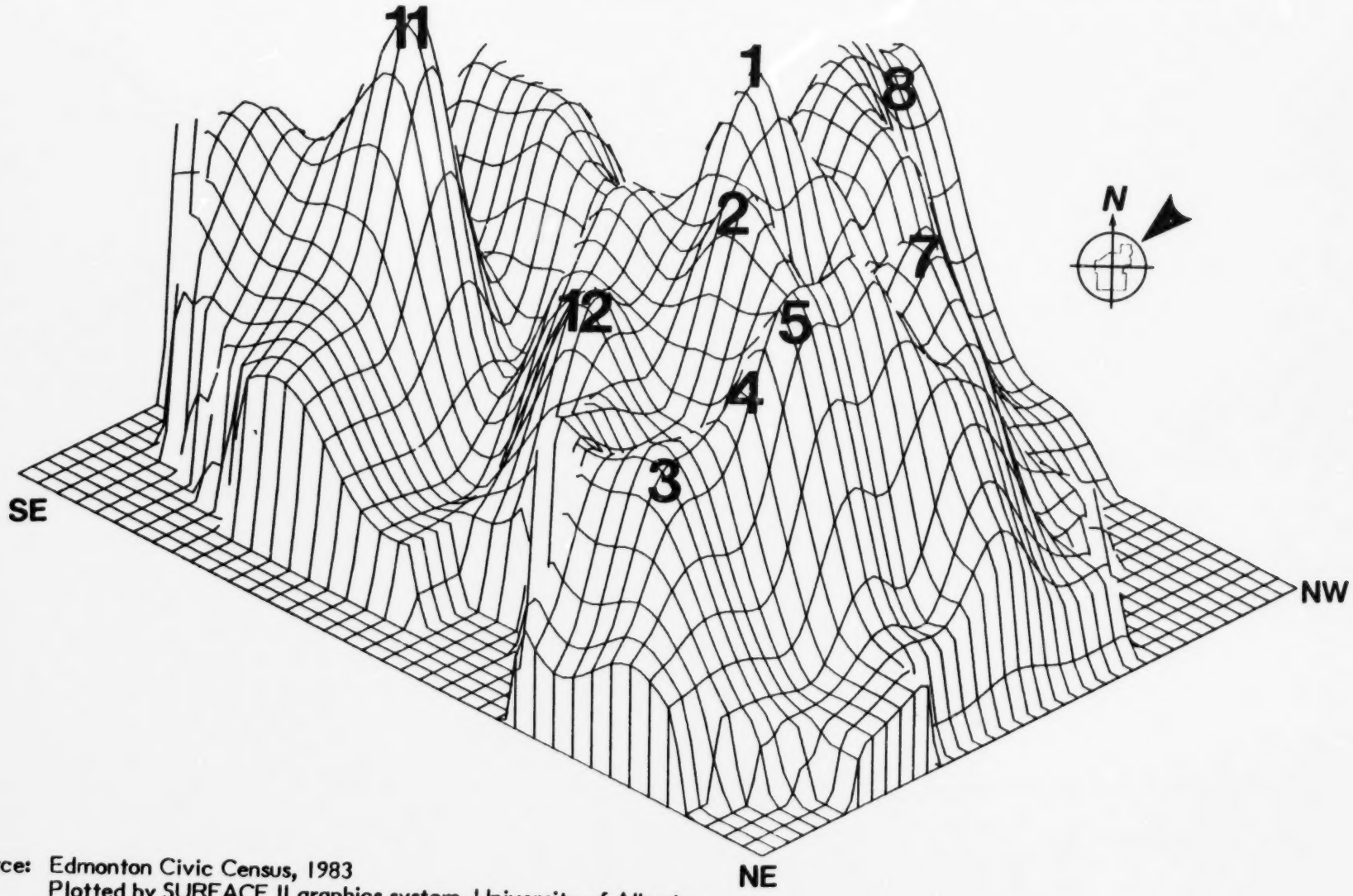
FIGURE 3.16 BLOCK DIAGRAM OF POPULATION, NORTHWEST VIEW, CITY OF EDMONTON, 1983



Source: Edmonton Civic Census, 1983
Plotted by SURFACE II graphics system, University of Alberta

Note: Numbers indicate approximate location of respective Districts.

FIGURE 3.17 BLOCK DIAGRAM OF POPULATION, NORTHEAST VIEW, CITY OF EDMONTON, 1983



Source: Edmonton Civic Census, 1983
Plotted by SURFACE II graphics system, University of Alberta

Note: Numbers indicate approximate location of respective Districts.

CHAPTER 4 POPULATION FORECASTS FOR EDMONTON, 1985-2001

For the convenience of business establishments, as well as variety of human service agencies and the public at large, a city population forecast is provided here to the year 2001. The forecast was prepared by the Planning Department and approved by the City's Population Guidelines Committee in March, 1984. Graphical presentation of the forecast for several intermediate years between 1984 and 2001, follows the forecast tables. In addition, a forecast is provided for some special-target age-groups. Both series of forecasts display population figures year by year to 2001.

4.1 Future population growth - outlines

Edmonton's future population growth can be characterized by two main features:

- Accelerated aging of population in comparison with past years.

- Modest population increase that will bring the city's population to approximately 682,000 in 2001.

Although life expectancy can be counted upon to increase modestly for both sexes, Edmonton's birth rate will likely not increase as the population continues to age. This is so in spite of the fact that in past years an increase in birth rates for Edmonton was registered. The population forecast indicates a very substantial increase in population aged 65 and over. The forecast, however, shows also that there will be a substantial increase in school age groups.

4.2 Population forecast by 5-year age-groups, 1985-2001

The forecast in Tables 4.1-4.17 indicates that Edmonton population will be just below 680,000 at the turn of the century. The forecast is consistent with the observation of increasing life expectancy, in that it shows increasingly larger proportion of persons in late middle and old ages. On the other hand, the forecast assumes that Edmonton's birth rate will remain on the same level as that recorded recently. This indicates an absolute (although not proportional), increase in the number of children that will be born in Edmonton annually, throughout the end of the century.

The absolute increase in the number of newborn children in Edmonton, however, will not counterbalance the number of deaths. Without the influx of migration, natural increase of the resident population of Edmonton will be below replacement level, i.e. without positive net-migration Edmonton's population will decline in the longer run.

The forecast shows that, overall, the number of males and females will remain equal. However, several age groups display uneven numbers of males and females. These discrepancies are significant in younger age groups at the beginning of the forecasting period. The differences between males and females in the various age groups are decreasing toward the end of the forecasting period.

The migration assumptions that were adopted by the Population Guidelines Committee, and under which the forecast in Tables 4.1-4.17 was prepared, are based on the perception of gradual recovery of both the provincial and local economy. For further details of assumptions and comparison with other forecasts, see recent Planning Department documentation ("Population Projections for the City of Edmonton, 1983-2001", Planning Department, July 1984).

4.3 Forecast of population in special target age-groups, 1985-2001

The City Planning Department has prepared a forecast of population by sex and special target age-groups in order to meet the needs of various human service agencies. The special age-groups are those identified by several agencies as representing their target population. The forecast is presented, year by year, in Tables 4.18-4.34, and is consistent with the forecast in Tables 4.1-4.17. A forecast of some selected age groups is presented graphically in Figure 4.5.

One conclusion of the forecast is the fact that the population of persons 65 and older will be more than twice as high in 2001 than that enumerated in the 1983 civic census, from 39,000 in 1983 to just over 78,000 in 2001. In proportionate terms this means that while persons 65 years of age and older were about 7% of the total population of Edmonton in 1983, in 2001 they will comprise approximately 11% of the total population.

On the other hand, the population of males and females between the ages of 18 and 64 (labour force population) will decline from 68% in 1983 to 62% in 2001. This implies a heavier burden on the taxpayers in the active labour force, unless retirement age is shifted significantly upwards.

The number of persons in the age group 5-11 (elementary school population) will increase from 49,000 in 1983, to 65,000 in 2001. In proportionate terms the increase is expected to be from 9% of the total population in 1983 to 12% in 2001. The high school population (ages 12 - 17) will increase from 45,000 in 1983 to 62,000 in 2001 (from 8% to 9%). The increase in the population aged 12-17 will be gradual, and will attain faster pace after 1993. This means that additional facilities and manpower will be needed for elementary and perhaps also for high school

education in Edmonton, contrary to the widely accepted view of a continuous decline in school population.

The selection of the special target age-groups in Tables 4.18-4.34 was done in consultation with local school boards, the City Police, and health service agencies. Requests or suggestions for additional age grouping according to special needs of human service agencies, should be directed to the Planning Department.

4.4 Implications for human services in Edmonton

The precise implications of the forecast in Tables 4.18-4.34 on the needed volume of human services, can only be answered by the human service agencies themselves. Some obvious implications seem to be forthcoming, however, from Tables 4.18-4.34 and from information forwarded by some human service agencies in Edmonton.

The increasing number of elderly persons in Edmonton will mean a greater need for senior citizen facilities, for auxiliary hospitals and other chronic care health services. A future need for increased policing may be reflected in a somewhat larger numbers of persons 12-15 years of age, i.e. the population which includes juvenile delinquents (see Tables 4.18-4.34).

The demand for educational facilities may slightly increase. However, since no civic census data on religious affiliation of Edmonton residents were compiled, the future need for public, separate or private educational facilities cannot be estimated for each, at the present time.

If the current trend of increasing numbers of single parent families persists, a greater demand for low cost and public housing may be expected in the future. Housing facilities for lone, self-sufficient senior citizens will, similarly, be in greater demand.

The need for services for special populations, such as the handicapped or the chronically ill, will have to be determined on the basis of the population forecasts in Tables 4.1-4.17. However, precise future needs assessment will have to be based also on the perceived or estimated future incidence rate of special care cases in the general population.

Since the forecast in Tables 4.1-4.34 present only one scenario of demographic assumptions, they should be treated with caution. The assumption of unchanging birth rates, remaining at the 1983 level throughout the rest of the century, may prove vulnerable in particular.

In an experimental forecast, conducted by the Planning Department, the birth rates in Edmonton were allowed to drop after 1983, approaching towards 2001 the birth rates level of Canada as in 1983 (see Figure 4.6). This meant a decline from almost 20 births per thousand population in 1983 to 15 birth per thousand in 2001. (The migration assumptions were the same as the official forecast.) The result of this forecast was a total population of 647,000 for Edmonton in 2001, 35,000 persons less than in the official forecast in Table 4.17.

Figure 4.7 shows the overall population growth of the City of Edmonton under assumptions of declining fertility as in Figure 4.6. As evidenced from Figure 4.7, the influence of this assumption becomes increasingly significant throughout the forecast period. The gap between the populations in the official forecast (steady fertility) and in the forecast under the declining fertility assumption, becomes progressively larger. The pace of the increase in the gap between the two forecasts stabilizes somewhat after. 1995 (641,000 versus 614,000) when it continues to increase in a moderate, constant manner.

Even more significant is the gap in the forecasted growth of younger age groups. Since fertility change has a quick effect on the number of children in the population, it is

not surprising to see that the age-group 0-4 shows immediate decline, and age-groups 5-9 and 10-14 show a 5-year and a 10-year time lag following the assumed beginning of the fertility decline (Figure 4.8). The implications of these changes cannot be overestimated when planning for pre-school and elementary school populations. The issue of demographic assumptions will be given further detailed consideration by both the Planning Department and the Population Guidelines Committee.

TABLE 4.1 FIVE-YEAR AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1985

AGE	MALE	FEMALE	TOTAL
0 - 4	24,000	23,000	47,000
5 - 9	20,000	18,000	37,000
10 - 14	18,000	17,000	35,000
15 - 19	20,000	19,000	39,000
20 - 24	34,000	38,000	72,000
25 - 29	37,000	34,000	72,000
30 - 34	30,000	27,000	57,000
35 - 39	21,000	21,000	42,000
40 - 44	16,000	15,000	31,000
45 - 49	13,000	13,000	26,000
50 - 54	13,000	13,000	26,000
55 - 59	11,000	12,000	23,000
60 - 64	10,000	11,000	21,000
65 - 69	7,000	8,000	15,000
70 - 74	5,000	7,000	12,000
75 - 79	3,000	5,000	8,000
80 - 84	2,000	3,000	5,000
85+	1,000	2,000	4,000
TOTAL	**286,000**	**285,000**	**570,000**

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.2 FIVE-YEAR AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1986

AGE	MALE	FEMALE	TOTAL
0 - 4	24,000	23,000	48,000
5 - 9	20,000	18,000	39,000
10 - 14	18,000	17,000	35,000
15 - 19	19,000	19,000	38,000
20 - 24	32,000	36,000	68,000
25 - 29	37,000	34,000	71,000
30 - 34	32,000	28,000	60,000
35 - 39	22,000	22,000	44,000
40 - 44	16,000	16,000	32,000
45 - 49	13,000	13,000	26,000
50 - 54	13,000	13,000	26,000
55 - 59	11,000	12,000	23,000
60 - 64	11,000	11,000	22,000
65 - 69	7,000	9,000	16,000
70 - 74	6,000	7,000	13,000
75 - 79	3,000	5,000	8,000
80 - 84	2,000	3,000	5,000
85+	1,000	3,000	4,000
TOTAL	**288,000**	**288,000**	**576,000**

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.3 FIVE-YEAR AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1987

AGE	MALE	FEMALE	TOTAL
0 - 4	25,000	23,000	48,000
5 - 9	21,000	19,000	40,000
10 - 14	19,000	17,000	36,000
15 - 19	19,000	18,000	37,000
20 - 24	30,000	34,000	64,000
25 - 29	35,000	34,000	70,000
30 - 34	33,000	29,000	63,000
35 - 39	22,000	23,000	45,000
40 - 44	18,000	17,000	35,000
45 - 49	13,000	13,000	26,000
50 - 54	14,000	13,000	26,000
55 - 59	11,000	12,000	23,000
60 - 64	11,000	11,000	22,000
65 - 69	8,000	9,000	17,000
70 - 74	6,000	8,000	14,000
75 - 79	3,000	5,000	9,000
80 - 84	2,000	3,000	5,000
85+	1,000	3,000	4,000
TOTAL	**291,000**	**291,000**	**582,000**

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.4 FIVE-YEAR AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1988

AGE	MALE	FEMALE	TOTAL
0 - 4	24,000	24,000	48,000
5 - 9	23,000	19,000	42,000
10 - 14	21,000	17,000	36,000
15 - 19	20,000	18,000	37,000
20 - 24	34,000	31,000	59,000
25 - 29	30,000	34,000	68,000
30 - 34	31,000	30,000	65,000
35 - 39	21,000	23,000	47,000
40 - 44	19,000	19,000	38,000
45 - 49	11,000	13,000	26,000
50 - 54	14,000	13,000	26,000
55 - 59	9,000	12,000	23,000
60 - 64	12,000	12,000	23,000
65 - 69	10,000	10,000	18,000
70 - 74	7,000	8,000	14,000
75 - 79	4,000	6,000	9,000
80 - 84	1,000	3,000	5,000
85+	2,000	3,000	4,000
TOTAL	**294,000**	**294,000**	**588,000**

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.5 FIVE-YEAR AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1989

AGE	MALE	FEMALE	TOTAL
0 - 4	24,000	23,000	48,000
5 - 9	24,000	20,000	44,000
10 - 14	20,000	17,000	37,000
15 - 19	19,000	18,000	37,000
20 - 24	26,000	29,000	55,000
25 - 29	33,000	34,000	66,000
30 - 34	35,000	31,000	66,000
35 - 39	25,000	25,000	50,000
40 - 44	20,000	20,000	40,000
45 - 49	14,000	13,000	27,000
50 - 54	13,000	13,000	26,000
55 - 59	11,000	12,000	23,000
60 - 64	11,000	12,000	23,000
65 - 69	9,000	10,000	20,000
70 - 74	6,000	8,000	14,000
75 - 79	4,000	6,000	10,000
80 - 84	2,000	3,000	5,000
85+	2,000	3,000	5,000
TOTAL	**297,000**	**297,000**	**595,000**

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.6 FIVE-YEAR AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1990

AGE	MALE	FEMALE	TOTAL
0 - 4	24,000	23,000	47,000
5 - 9	24,000	21,000	45,000
10 - 14	21,000	17,000	38,000
15 - 19	19,000	18,000	37,000
20 - 24	25,000	28,000	53,000
25 - 29	31,000	33,000	64,000
30 - 34	35,000	31,000	66,000
35 - 39	27,000	26,000	53,000
40 - 44	21,000	21,000	42,000
45 - 49	14,000	14,000	28,000
50 - 54	13,000	13,000	26,000
55 - 59	11,000	12,000	23,000
60 - 64	11,000	12,000	23,000
65 - 69	10,000	11,000	21,000
70 - 74	6,000	8,000	15,000
75 - 79	4,000	6,000	10,000
80 - 84	2,000	4,000	5,000
85+	2,000	3,000	5,000
TOTAL	**301,000**	**301,000**	**601,000**

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.7 FIVE-YEAR AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1991

AGE	MALE	FEMALE	TOTAL
0 - 4	24,000	23,000	47,000
5 - 9	25,000	22,000	47,000
10 - 14	22,000	18,000	40,000
15 - 19	19,000	18,000	37,000
20 - 24	25,000	27,000	52,000
25 - 29	29,000	31,000	61,000
30 - 34	34,000	31,000	65,000
35 - 39	29,000	28,000	56,000
40 - 44	22,000	23,000	45,000
45 - 49	15,000	14,000	29,000
50 - 54	13,000	13,000	26,000
55 - 59	11,000	12,000	23,000
60 - 64	11,000	12,000	23,000
65 - 69	10,000	11,000	21,000
70 - 74	7,000	9,000	16,000
75 - 79	4,000	7,000	11,000
80 - 84	2,000	4,000	6,000
85+	2,000	3,000	5,000
TOTAL	**304,000**	**305,000**	**609,000**

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.8 FIVE-YEAR AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1992

AGE	MALE	FEMALE	TOTAL
0 - 4	23,000	23,000	46,000
5 - 9	25,000	22,000	47,000
10 - 14	23,000	19,000	41,000
15 - 19	20,000	18,000	38,000
20 - 24	25,000	27,000	52,000
25 - 29	28,000	30,000	57,000
30 - 34	33,000	31,000	64,000
35 - 39	31,000	29,000	60,000
40 - 44	23,000	23,000	46,000
45 - 49	16,000	16,000	32,000
50 - 54	13,000	12,000	26,000
55 - 59	12,000	12,000	24,000
60 - 64	11,000	12,000	23,000
65 - 69	10,000	11,000	22,000
70 - 74	7,000	9,000	17,000
75 - 79	5,000	7,000	12,000
80 - 84	2,000	4,000	6,000
85+	2,000	3,000	5,000
TOTAL	**309,000**	**308,000**	**617,000**

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.9 FIVE-YEAR AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1993

AGE	MALE	FEMALE	TOTAL
0 - 4	23,000	22,000	45,000
5 - 9	25,000	22,000	48,000
10 - 14	24,000	19,000	44,000
15 - 19	20,000	18,000	38,000
20 - 24	25,000	27,000	52,000
25 - 29	26,000	28,000	54,000
30 - 34	32,000	31,000	63,000
35 - 39	32,000	30,000	62,000
40 - 44	24,000	24,000	48,000
45 - 49	18,000	17,000	35,000
50 - 54	14,000	13,000	26,000
55 - 59	12,000	12,000	24,000
60 - 64	11,000	12,000	23,000
65 - 69	10,000	12,000	22,000
70 - 74	8,000	10,000	18,000
75 - 79	5,000	7,000	12,000
80 - 84	2,000	4,000	6,000
85+	2,000	4,000	5,000
TOTAL	**313,000**	**312,000**	**625,000**

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.10 FIVE-YEAR AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1994

AGE	MALE	FEMALE	TOTAL
0 - 4	23,000	22,000	44,000
5 - 9	25,000	22,000	48,000
10 - 14	25,000	20,000	46,000
15 - 19	21,000	18,000	39,000
20 - 24	25,000	27,000	52,000
25 - 29	25,000	25,000	50,000
30 - 34	31,000	31,000	62,000
35 - 39	33,000	31,000	64,000
40 - 44	25,000	26,000	51,000
45 - 49	19,000	19,000	37,000
50 - 54	14,000	13,000	28,000
55 - 59	12,000	12,000	24,000
60 - 64	12,000	12,000	24,000
65 - 69	11,000	12,000	22,000
70 - 74	9,000	10,000	19,000
75 - 79	5,000	7,000	12,000
80 - 84	2,000	5,000	7,000
85+	2,000	4,000	5,000
TOTAL	**317,000**	**316,000**	**633,000**

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.11 FIVE-YEAR AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1995

AGE	MALE	FEMALE	TOTAL
0 - 4	22,000	21,000	43,000
5 - 9	25,000	22,000	47,000
10 - 14	26,000	21,000	47,000
15 - 19	22,000	19,000	41,000
20 - 24	25,000	27,000	52,000
25 - 29	24,000	24,000	48,000
30 - 34	30,000	30,000	60,000
35 - 39	33,000	31,000	64,000
40 - 44	28,000	27,000	55,000
45 - 49	20,000	20,000	40,000
50 - 54	15,000	14,000	28,000
55 - 59	12,000	12,000	24,000
60 - 64	12,000	12,000	24,000
65 - 69	11,000	12,000	23,000
70 - 74	9,000	11,000	20,000
75 - 79	5,000	8,000	13,000
80 - 84	3,000	5,000	7,000
85+	2,000	4,000	6,000
TOTAL	**321,000**	**320,000**	**641,000**

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.12 FIVE-YEAR AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1996

AGE	MALE	FEMALE	TOTAL
0 - 4	22,000	21,000	42,000
5 - 9	25,000	22,000	47,000
10 - 14	27,000	22,000	49,000
15 - 19	23,000	19,000	42,000
20 - 24	26,000	27,000	53,000
25 - 29	24,000	24,000	48,000
30 - 34	28,000	29,000	57,000
35 - 39	32,000	31,000	63,000
40 - 44	29,000	29,000	58,000
45 - 49	21,000	21,000	42,000
50 - 54	16,000	14,000	30,000
55 - 59	12,000	12,000	23,000
60 - 64	12,000	12,000	24,000
65 - 69	11,000	12,000	23,000
70 - 74	10,000	11,000	21,000
75 - 79	5,000	8,000	13,000
80 - 84	3,000	5,000	8,000
85+	2,000	4,000	6,000
TOTAL	**325,000**	**324,000**	**649,000**

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.13 FIVE-YEAR AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1997

AGE	MALE	FEMALE	TOTAL
0 - 4	21,000	20,000	42,000
5 - 9	24,000	22,000	46,000
10 - 14	27,000	22,000	50,000
15 - 19	24,000	20,000	44,000
20 - 24	26,000	28,000	54,000
25 - 29	24,000	24,000	48,000
30 - 34	27,000	27,000	54,000
35 - 39	31,000	31,000	62,000
40 - 44	31,000	30,000	62,000
45 - 49	21,000	22,000	43,000
50 - 54	17,000	16,000	33,000
55 - 59	12,000	12,000	23,000
60 - 64	12,000	12,000	24,000
65 - 69	11,000	12,000	23,000
70 - 74	10,000	11,000	21,000
75 - 79	6,000	8,000	14,000
80 - 84	3,000	5,000	8,000
85+	2,000	4,000	6,000
TOTAL	**329,000**	**327,000**	**656,000**

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.14 FIVE-YEAR AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1998

AGE	MALE	FEMALE	TOTAL
0 - 4	21,000	20,000	41,000
5 - 9	24,000	21,000	45,000
10 - 14	27,000	23,000	50,000
15 - 19	25,000	21,000	46,000
20 - 24	27,000	28,000	55,000
25 - 29	24,000	24,000	48,000
30 - 34	25,000	25,000	50,000
35 - 39	30,000	31,000	62,000
40 - 44	33,000	31,000	64,000
45 - 49	22,000	23,000	45,000
50 - 54	18,000	17,000	35,000
55 - 59	12,000	12,000	24,000
60 - 64	12,000	12,000	24,000
65 - 69	11,000	12,000	23,000
70 - 74	10,000	11,000	21,000
75 - 79	6,000	9,000	15,000
80 - 84	3,000	5,000	8,000
85+	2,000	5,000	6,000
TOTAL	**332,000**	**330,000**	**663,000**

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.15 FIVE-YEAR AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1999

AGE	MALE	FEMALE	TOTAL
0 - 4	21,000	20,000	40,000
5 - 9	23,000	21,000	44,000
10 - 14	27,000	23,000	50,000
15 - 19	26,000	22,000	48,000
20 - 24	27,000	28,000	56,000
25 - 29	24,000	24,000	48,000
30 - 34	23,000	23,000	46,000
35 - 39	29,000	31,000	60,000
40 - 44	33,000	32,000	65,000
45 - 49	24,000	24,000	48,000
50 - 54	19,000	18,000	38,000
55 - 59	13,000	13,000	25,000
60 - 64	12,000	12,000	24,000
65 - 69	11,000	12,000	23,000
70 - 74	10,000	12,000	21,000
75 - 79	7,000	9,000	16,000
80 - 84	3,000	6,000	8,000
85+	2,000	5,000	7,000
TOTAL	**336,000**	**334,000**	**669,000**

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.16 FIVE-YEAR AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 2000

AGE	MALE	FEMALE	TOTAL
0 - 4	20,000	19,000	40,000
5 - 9	23,000	20,000	43,000
10 - 14	27,000	22,000	49,000
15 - 19	27,000	23,000	50,000
20 - 24	29,000	29,000	57,000
25 - 29	24,000	24,000	48,000
30 - 34	23,000	22,000	44,000
35 - 39	28,000	31,000	58,000
40 - 44	33,000	32,000	65,000
45 - 49	26,000	26,000	52,000
50 - 54	20,000	20,000	40,000
55 - 59	13,000	13,000	26,000
60 - 64	12,000	12,000	24,000
65 - 69	11,000	12,000	23,000
70 - 74	10,000	12,000	22,000
75 - 79	7,000	10,000	17,000
80 - 84	3,000	6,000	9,000
85+	2,000	5,000	7,000
TOTAL	**339,000**	**337,000**	**676,000**

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.17 FIVE-YEAR AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 2001

AGE	MALE	FEMALE	TOTAL
0 - 4	20,000	19,000	39,000
5 - 9	23,000	20,000	42,000
10 - 14	27,000	22,000	49,000
15 - 19	28,000	23,000	51,000
20 - 24	30,000	29,000	59,000
25 - 29	25,000	24,000	49,000
30 - 34	23,000	21,000	44,000
35 - 39	26,000	29,000	55,000
40 - 44	33,000	32,000	65,000
45 - 49	28,000	27,000	55,000
50 - 54	21,000	21,000	42,000
55 - 59	14,000	14,000	27,000
60 - 64	12,000	12,000	24,000
65 - 69	11,000	12,000	23,000
70 - 74	10,000	12,000	22,000
75 - 79	7,000	10,000	17,000
80 - 84	3,000	6,000	9,000
85+	2,000	5,000	7,000
TOTAL	**342,000**	**340,000**	**682,000**

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.18 SPECIAL AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1985

AGE	MALE	FEMALE	TOTAL
0	5,000	5,000	10,000
0 - 17	74,000	68,000	142,000
1	5,000	5,000	10,000
2	5,000	4,000	9,000
3	4,000	4,000	9,000
4	5,000	4,000	9,000
5	4,000	4,000	8,000
5 - 11	28,000	24,000	52,000
6 - 12	27,000	24,000	51,000
12 - 15	15,000	14,000	29,000
12 - 17	23,000	21,000	44,000
16 - 18	12,000	11,000	23,000
18 - 24	46,000	51,000	97,000
18 - 25	53,000	57,000	110,000
18 - 64	193,000	190,000	383,000
18+	211,000	217,000	428,000
25 - 64	147,000	140,000	286,000
65+	19,000	26,000	45,000

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.19 SPECIAL AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1986

AGE	MALE	FEMALE	TOTAL
0	5,000	4,000	10,000
0 - 17	76,000	68,000	145,000
1	5,000	4,000	10,000
2	5,000	4,000	10,000
3	5,000	4,000	10,000
4	5,000	4,000	9,000
5	4,000	3,000	8,000
5 - 11	29,000	24,000	54,000
6 - 12	29,000	24,000	53,000
12 - 15	15,000	13,000	29,000
12 - 17	23,000	21,000	44,000
16 - 18	12,000	11,000	23,000
18 - 24	45,000	51,000	97,000
18 - 25	52,000	57,000	109,000
18 - 64	192,000	191,000	383,000
18+	212,000	218,000	431,000
25 - 64	147,000	139,000	286,000
65+	20,000	27,000	48,000

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.20 SPECIAL AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1987

AGE	MALE	FEMALE	TOTAL
0	5,000	5,000	10,000
0 - 17	78,000	70,000	147,000
1	5,000	5,000	10,000
2	5,000	5,000	10,000
3	5,000	5,000	9,000
4	5,000	4,000	9,000
5	4,000	4,000	9,000
5 - 11	30,000	25,000	56,000
6 - 12	30,000	25,000	55,000
12 - 15	15,000	14,000	29,000
12 - 17	23,000	21,000	44,000
16 - 18	12,000	11,000	23,000
18 - 24	44,000	51,000	96,000
18 - 25	51,000	58,000	108,000
18 - 64	191,000	192,000	383,000
18+	213,000	221,000	434,000
25 - 64	147,000	141,000	288,000
65+	22,000	29,000	51,000

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.21 SPECIAL AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1988

AGE	MALE	FEMALE	TOTAL
0	5,000	5,000	10,000
0 - 17	80,000	71,000	150,000
1	5,000	5,000	10,000
2	5,000	5,000	9,000
3	5,000	5,000	9,000
4	5,000	5,000	9,000
5	5,000	4,000	9,000
5 - 11	32,000	26,000	58,000
6 - 12	31,000	25,000	56,000
12 - 15	16,000	14,000	30,000
12 - 17	24,000	21,000	45,000
16 - 18	12,000	11,000	23,000
18 - 24	43,000	50,000	93,000
18 - 25	50,000	58,000	108,000
18 - 64	190,000	193,000	383,000
18+	214,000	223,000	437,000
25 - 64	147,000	143,000	290,000
65+	24,000	30,000	54,000

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.22 SPECIAL AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1989

AGE	MALE	FEMALE	TOTAL
0	5,000	5,000	10,000
0 - 17	81,000	71,000	153,000
1	5,000	5,000	10,000
2	5,000	5,000	9,000
3	5,000	5,000	9,000
4	5,000	5,000	9,000
5	5,000	4,000	9,000
5 - 11	33,000	27,000	60,000
6 - 12	33,000	26,000	58,000
12 - 15	17,000	14,000	31,000
12 - 17	24,000	21,000	46,000
16 - 18	12,000	11,000	23,000
18 - 24	41,000	48,000	90,000
18 - 25	49,000	57,000	106,000
18 - 64	190,000	193,000	383,000
18+	215,000	226,000	441,000
25 - 64	148,000	145,000	293,000
65+	26,000	32,000	58,000

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.23

SPECIAL AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1990

AGE	MALE	FEMALE	TOTAL
0	5,000	5,000	9,000
0 - 17	83,000	72,000	156,000
1	5,000	5,000	10,000
2	5,000	5,000	9,000
3	5,000	5,000	9,000
4	5,000	5,000	9,000
5	5,000	4,000	9,000
5 - 11	34,000	28,000	62,000
6 - 12	34,000	27,000	61,000
12 - 15	17,000	14,000	32,000
12 - 17	25,000	22,000	47,000
16 - 18	12,000	11,000	23,000
18 - 24	41,000	47,000	88,000
18 - 25	47,000	55,000	102,000
18 - 64	189,000	194,000	384,000
18+	217,000	228,000	448,000
25 - 64	149,000	147,000	296,000
65+	27,000	34,000	61,000

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.24 SPECIAL AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1991

AGE	MALE	FEMALE	TOTAL
0	5,000	5,000	9,000
0 - 17	85,000	73,000	158,000
1	5,000	5,000	9,000
2	5,000	5,000	9,000
3	5,000	5,000	9,000
4	5,000	5,000	9,000
5	5,000	4,000	9,000
5 - 11	35,000	29,000	63,000
6 - 12	35,000	28,000	63,000
12 - 15	18,000	14,000	33,000
12 - 17	26,000	22,000	48,000
16 - 18	12,000	11,000	24,000
18 - 24	40,000	47,000	87,000
18 - 25	47,000	54,000	101,000
18 - 64	190,000	196,000	385,000
18+	219,000	231,000	450,000
25 - 64	149,000	149,000	298,000
65+	29,000	35,000	65,000

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.25 SPECIAL AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1992

AGE	MALE	FEMALE	TOTAL
0	5,000	5,000	9,000
0 - 17	87,000	74,000	161,000
1	5,000	5,000	9,000
2	5,000	5,000	9,000
3	5,000	5,000	9,000
4	5,000	4,000	9,000
5	5,000	4,000	9,000
5 - 11	35,000	29,000	65,000
6 - 12	36,000	29,000	64,000
12 - 15	19,000	15,000	34,000
12 - 17	28,000	22,000	50,000
16 - 18	13,000	12,000	24,000
18 - 24	41,000	47,000	88,000
18 - 25	47,000	54,000	100,000
18 - 64	191,000	197,000	388,000
18+	221,000	234,000	455,000
25 - 64	150,000	150,000	300,000
65+	31,000	37,000	68,000

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.26 SPECIAL AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1993

AGE	MALE	FEMALE	TOTAL
0	5,000	5,000	9,000
0 - 17	88,000	75,000	163,000
1	5,000	5,000	9,000
2	5,000	5,000	9,000
3	5,000	5,000	9,000
4	5,000	5,000	9,000
5	5,000	4,000	9,000
5 - 11	36,000	30,000	65,000
6 - 12	36,000	29,000	65,000
12 - 15	20,000	15,000	35,000
12 - 17	29,000	23,000	52,000
16 - 18	14,000	12,000	25,000
18 - 24	41,000	48,000	89,000
18 - 25	48,000	54,000	102,000
18 - 64	192,000	199,000	391,000
18+	224,000	238,000	462,000
25 - 64	151,000	151,000	302,000
65+	32,000	39,000	70,000

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.27 SPECIAL AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1994

AGE	MALE	FEMALE	TOTAL
0	5,000	5,000	9,000
0 - 17	90,000	76,000	166,000
1	5,000	5,000	9,000
2	5,000	5,000	9,000
3	5,000	4,000	9,000
4	5,000	4,000	9,000
5	5,000	4,000	9,000
5 - 11	36,000	30,000	66,000
6 - 12	36,000	30,000	66,000
12 - 15	21,000	16,000	36,000
12 - 17	30,000	23,000	53,000
16 - 18	14,000	12,000	26,000
18 - 24	42,000	48,000	90,000
18 - 25	48,000	55,000	103,000
18 - 64	194,000	201,000	395,000
18+	227,000	241,000	468,000
25 - 64	152,000	152,000	304,000
65+	33,000	40,000	74,000

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.28 SPECIAL AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1995

AGE	MALE	FEMALE	TOTAL
0	5,000	5,000	9,000
0 - 17	91,000	77,000	168,000
1	5,000	5,000	9,000
2	5,000	5,000	9,000
3	5,000	4,000	9,000
4	5,000	4,000	9,000
5	5,000	4,000	9,000
5 - 11	36,000	30,000	66,000
6 - 12	37,000	30,000	67,000
12 - 15	22,000	16,000	38,000
12 - 17	31,000	24,000	55,000
16 - 18	15,000	12,000	26,000
18 - 24	43,000	49,000	92,000
18 - 25	49,000	55,000	105,000
18 - 64	196,000	203,000	399,000
18+	230,000	244,000	475,000
25 - 64	153,000	154,000	306,000
65+	35,000	42,000	76,000

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.29 SPECIAL AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1996

AGE	MALE	FEMALE	TOTAL
0	5,000	5,000	9,000
0 - 17	92,000	78,000	170,000
1	5,000	5,000	9,000
2	5,000	5,000	9,000
3	5,000	5,000	9,000
4	5,000	4,000	9,000
5	5,000	4,000	9,000
5 - 11	36,000	30,000	66,000
6 - 12	37,000	30,000	67,000
12 - 15	22,000	17,000	39,000
12 - 17	32,000	25,000	57,000
16 - 18	15,000	12,000	27,000
18 - 24	44,000	49,000	94,000
18 - 25	50,000	56,000	106,000
18 - 64	198,000	204,000	402,000
18+	234,000	248,000	481,000
25 - 64	154,000	155,000	309,000
65+	36,000	43,000	79,000

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.30 SPECIAL AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1997

AGE	MALE	FEMALE	TOTAL
0	5,000	5,000	10,000
0 - 17	93,000	79,000	171,000
1	5,000	5,000	9,000
2	5,000	5,000	9,000
3	5,000	4,000	9,000
4	5,000	4,000	9,000
5	5,000	4,000	9,000
5 - 11	36,000	30,000	66,000
6 - 12	37,000	30,000	67,000
12 - 15	23,000	18,000	40,000
12 - 17	33,000	26,000	59,000
16 - 18	16,000	13,000	29,000
18 - 24	46,000	50,000	96,000
18 - 25	52,000	57,000	108,000
18 - 64	201,000	207,000	408,000
18+	237,000	251,000	488,000
25 - 64	155,000	157,000	312,000
65+	36,000	44,000	80,000

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.31 SPECIAL AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1998

AGE	MALE	FEMALE	TOTAL
0	5,000	5,000	10,000
0 - 17	93,000	79,000	172,000
1	5,000	5,000	9,000
2	5,000	5,000	9,000
3	5,000	4,000	9,000
4	5,000	4,000	9,000
5	5,000	4,000	9,000
5 - 11	35,000	30,000	65,000
6 - 12	36,000	30,000	66,000
12 - 15	23,000	18,000	41,000
12 - 17	34,000	27,000	60,000
16 - 18	17,000	13,000	30,000
18 - 24	47,000	51,000	98,000
18 - 25	53,000	57,000	111,000
18 - 64	203,000	210,000	413,000
18+	241,000	254,000	495,000
25 - 64	156,000	159,000	315,000
65+	37,000	45,000	82,000

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.32 SPECIAL AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 1999

AGE	MALE	FEMALE	TOTAL
0	5,000	5,000	10,000
0 - 17	93,000	80,000	173,000
1	5,000	5,000	10,000
2	5,000	5,000	9,000
3	5,000	4,000	9,000
4	5,000	4,000	9,000
5	5,000	4,000	9,000
5 - 11	35,000	30,000	65,000
6 - 12	36,000	30,000	66,000
12 - 15	23,000	18,000	41,000
12 - 17	34,000	27,000	61,000
16 - 18	17,000	13,000	31,000
18 - 24	49,000	51,000	100,000
18 - 25	55,000	58,000	113,000
18 - 64	205,000	212,000	418,000
18+	244,000	257,000	502,000
25 - 64	157,000	161,000	318,000
65+	39,000	45,000	84,000

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

TABLE 4.33 SPECIAL AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 2000

AGE	MALE	FEMALE	TOTAL
0	5,000	5,000	10,000
0 - 17	94,000	80,000	174,000
1	5,000	5,000	10,000
2	5,000	5,000	9,000
3	5,000	4,000	9,000
4	5,000	4,000	9,000
5	5,000	4,000	9,000
5 - 11	35,000	30,000	65,000
6 - 12	36,000	30,000	66,000
12 - 15	23,000	18,000	41,000
12 - 17	34,000	27,000	62,000
16 - 18	18,000	14,000	31,000
18 - 24	50,000	52,000	102,000
18 - 25	57,000	59,000	115,000
18 - 64	208,000	215,000	423,000
18+	248,000	261,000	509,000
25 - 64	158,000	163,000	321,000
65+	40,000	46,000	86,000

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

Note: Figures may not add to TOTAL due to rounding.

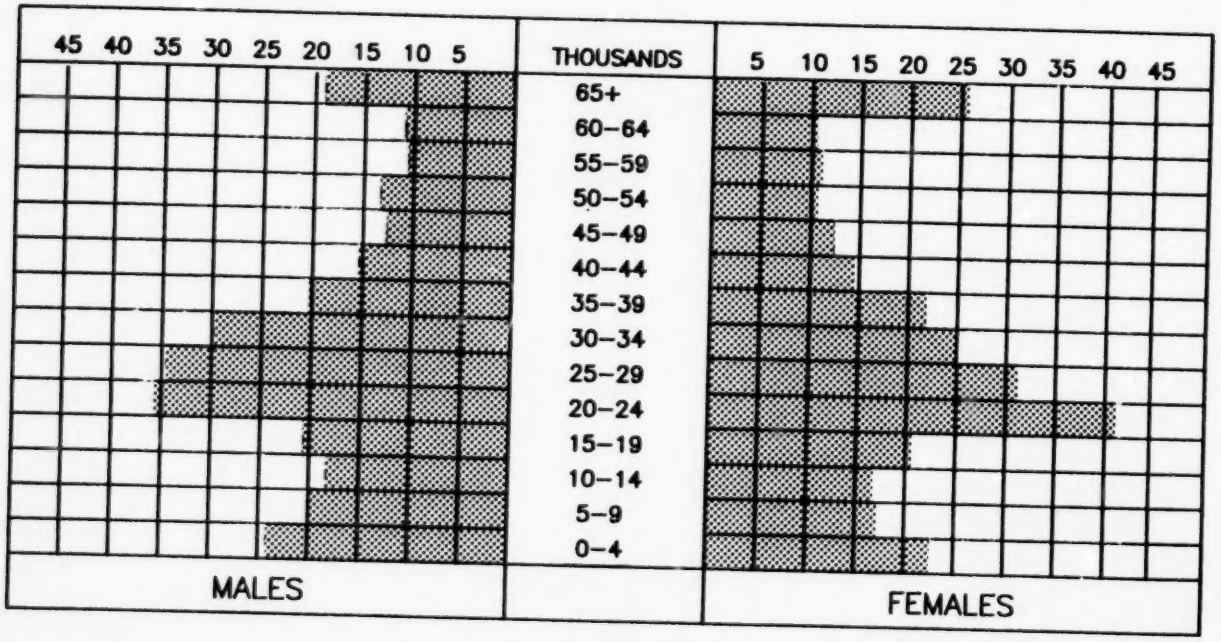
TABLE 4.34 SPECIAL AGE-GROUP POPULATION PROJECTION, CITY OF EDMONTON, 2001

AGE	MALE	FEMALE	TOTAL
0	5,000	5,000	10,000
0 - 17	94,000	80,000	174,000
1	5,000	5,000	10,000
2	5,000	5,000	9,000
3	5,000	4,000	9,000
4	5,000	4,000	9,000
5	5,000	4,000	9,000
5 - 11	35,000	30,000	65,000
6 - 12	36,000	30,000	66,000
12 - 15	23,000	18,000	41,000
12 - 17	34,000	28,000	62,000
16 - 18	18,000	14,000	32,000
18 - 24	51,000	52,000	104,000
18 - 25	58,000	60,000	118,000
18 - 64	211,000	218,000	428,000
18+	252,000	265,000	516,000
25 - 64	159,000	165,000	325,000
65+	41,000	47,000	88,000

Sources: Population Projections for the City of Edmonton 1984-2001, City of Edmonton Planning Department

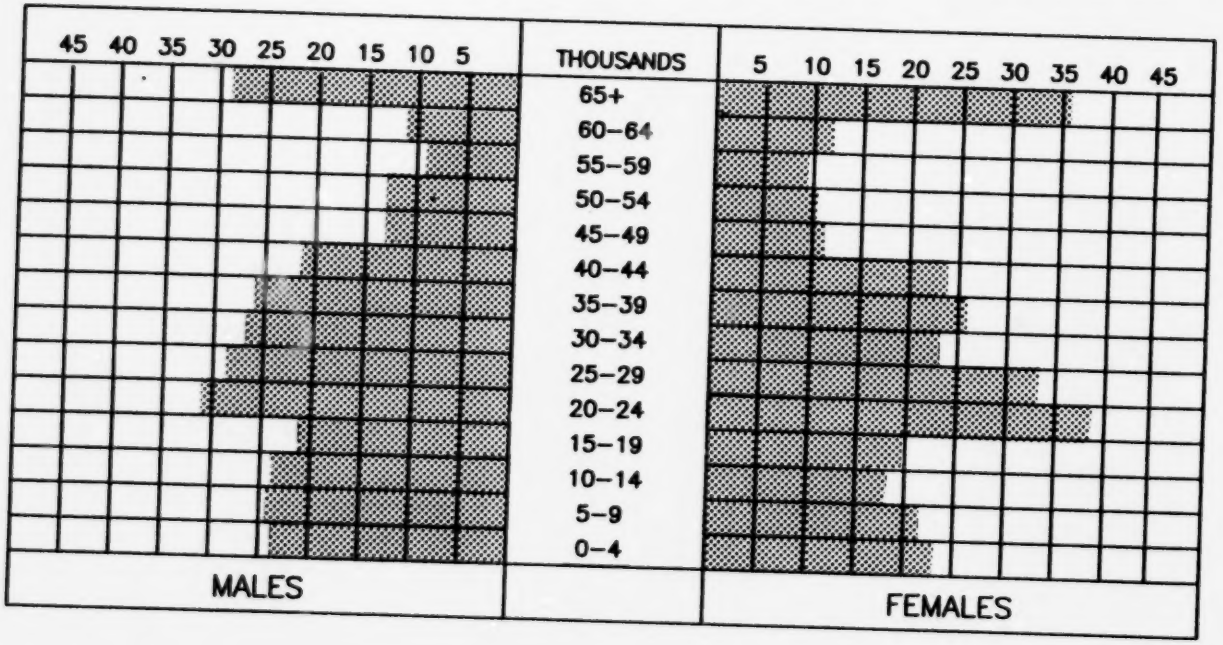
Note: Figures may not add to TOTAL due to rounding.

FIGURE 4.1 POPULATION DISTRIBUTION BY AGE AND SEX, CITY OF EDMONTON, 1985



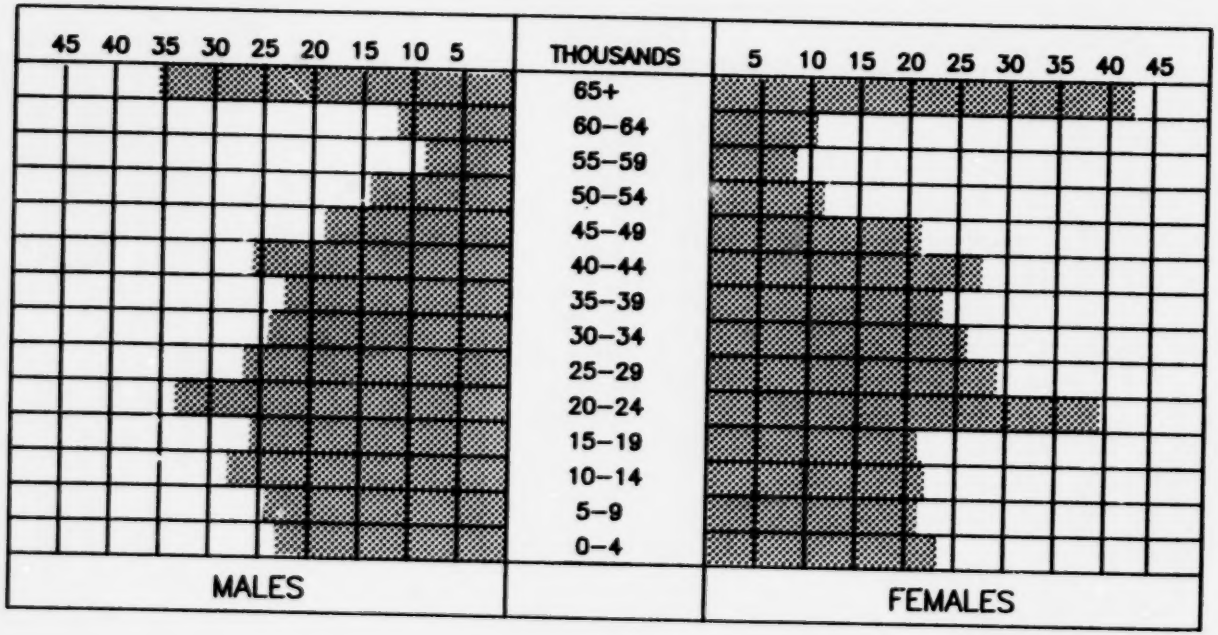
Source: Table 4.1

FIGURE 4.2 POPULATION DISTRIBUTION BY AGE AND SEX, CITY OF EDMONTON, 1991



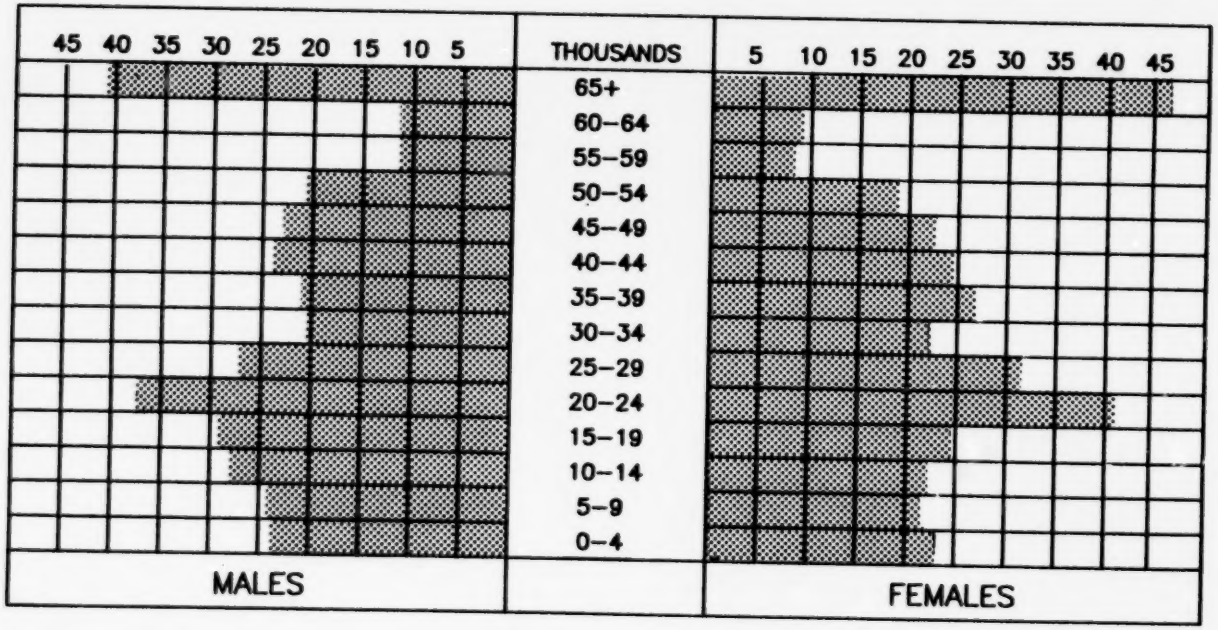
Source: Table 4.7

FIGURE 4.3 POPULATION DISTRIBUTION BY AGE AND SEX, CITY OF EDMONTON, 1996



Source: Table 4.12

FIGURE 4.4 POPULATION DISTRIBUTION BY AGE AND SEX, CITY OF EDMONTON, 2001



Source: Table 4.17

FIGURE 4.5 POPULATION PROJECTION, SELECTED AGE GROUPS, CITY OF EDMONTON, 1983-2001

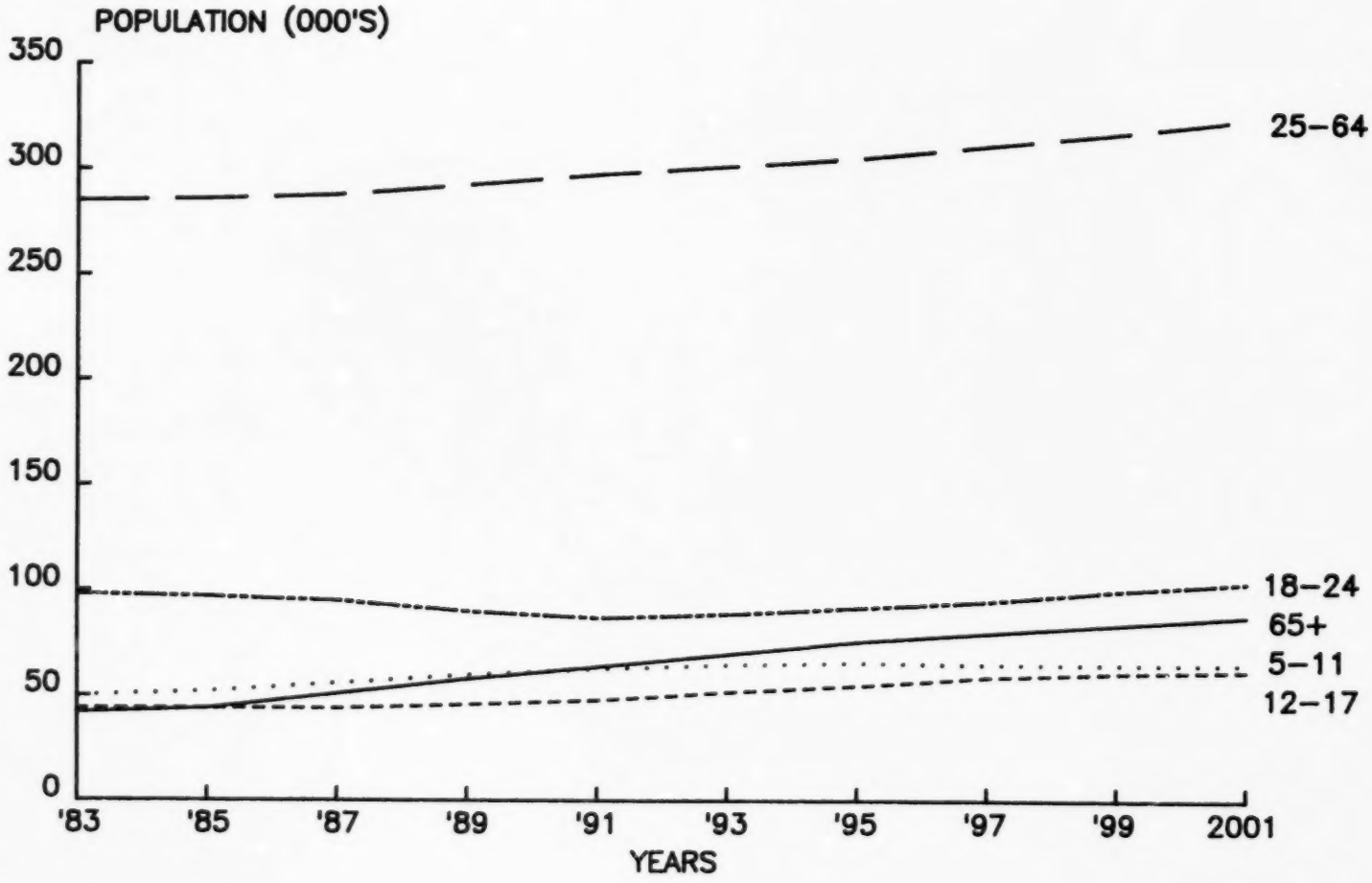
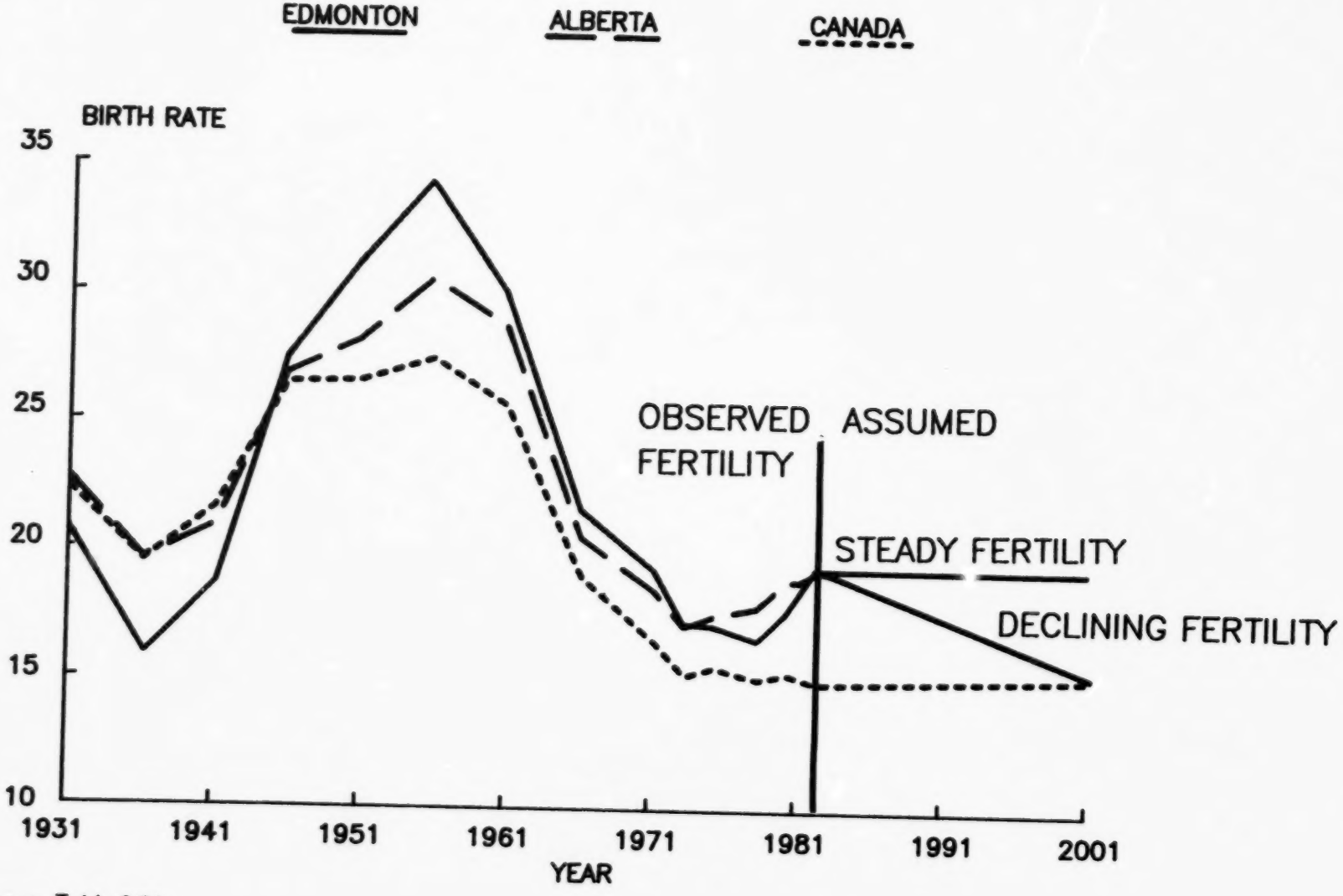


FIGURE 4.6 PAST AND POSSIBLE FUTURE BIRTHS PER 1,000 FEMALES, CITY OF EDMONTON, ALBERTA AND CANADA, 1931-2001



Source: Table 2.21

FIGURE 4.7 POPULATION GROWTH UNDER ASSUMPTIONS OF STEADY VERSUS DECLINING FERTILITY, CITY OF EDMONTON, 1983-2001

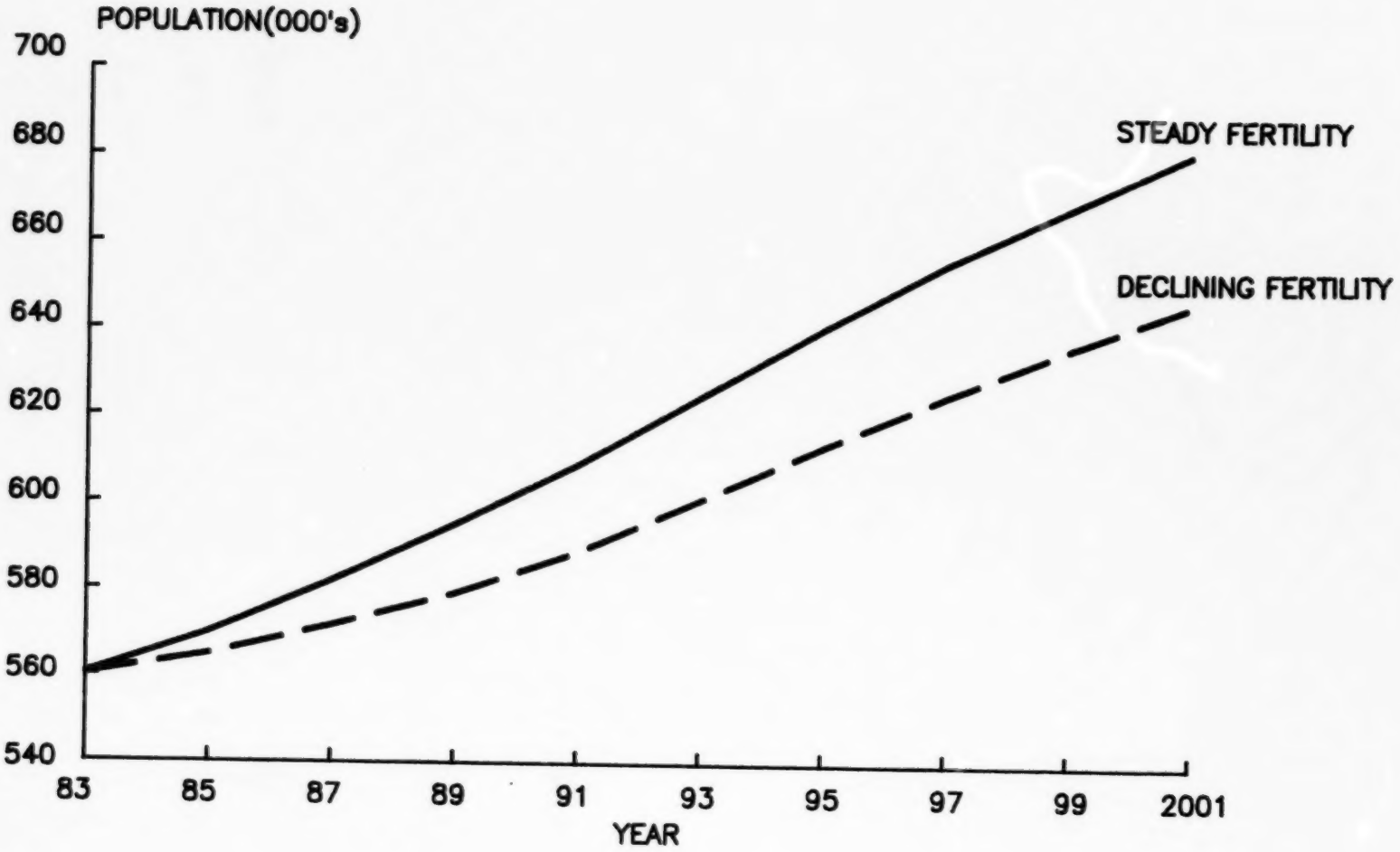
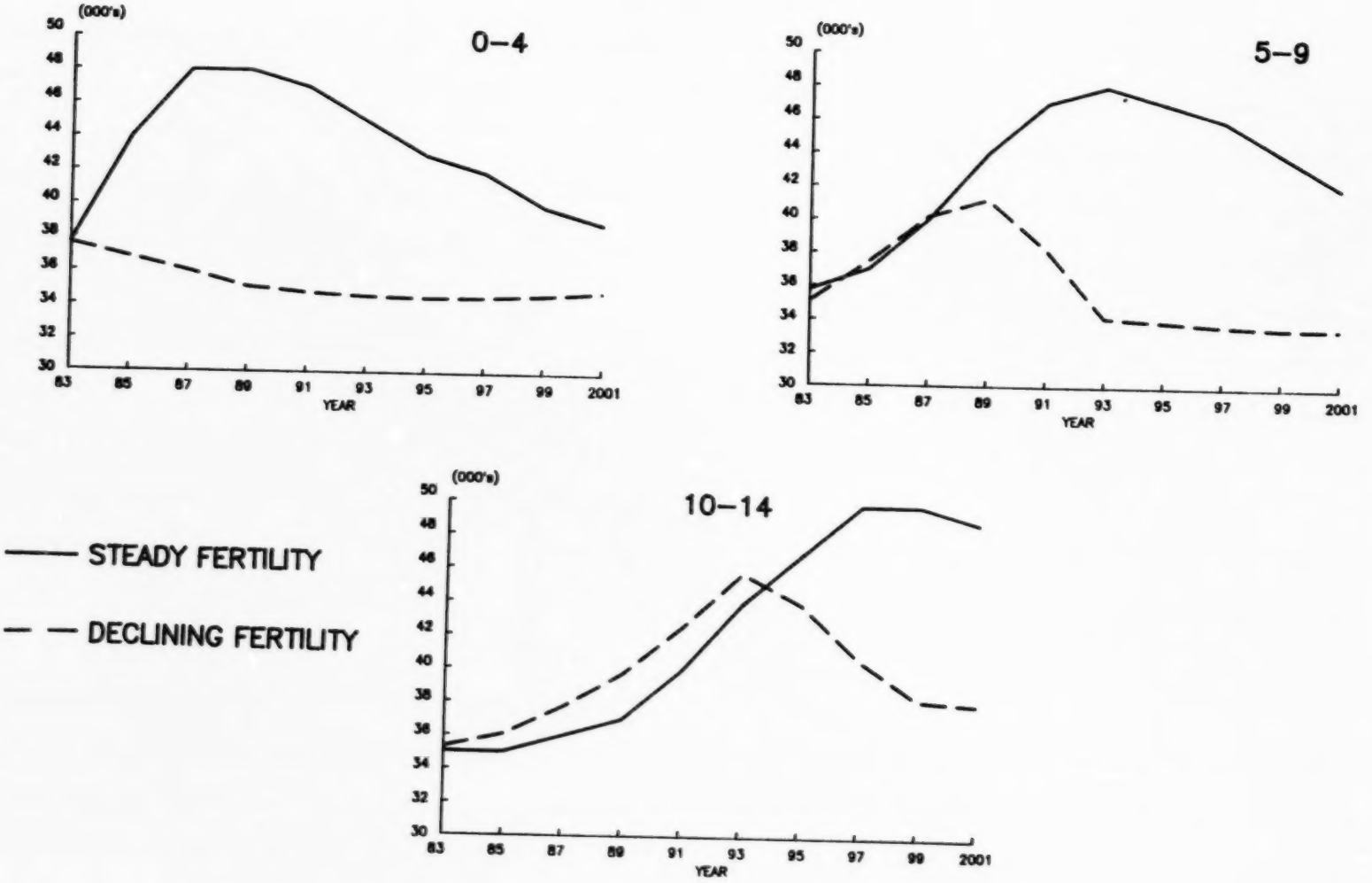


FIGURE 4.8 POPULATION GROWTH UNDER ASSUMPTIONS OF STEADY VERSUS DECLINING FERTILITY, SELECTED AGE GROUPS, CITY OF EDMONTON, 1983-200'



Sources: Tables 2.2, 4.1-4.7, and Planning Department working forecasts of declining fertility.

CHAPTER 5 THE DEMOGRAPHY OF HUMAN SERVICES IN EDMONTON

The following summarizes the status of some important human services in Edmonton. Table 5.1 provides concise information on a variety of aspects related to the delivery of human services in the city. The human services reviewed were those that responded to an information request by the Planning Department during in early 1984. The recorded information was given directly by the service agencies. If no response from a service agency was received, information from 1982 was used.

Column 1 of Table 5.1, "Type of Service", gives the general field into which a particular service may belong (e.g. general hospitals, or low cost housing).

Column 2, "Institution", gives the name of the institution or facility that provides the service (e.g. Edmonton General Hospital, or Edmonton Housing Authority).

Column 3 gives the age of the population served (e.g. all ages, or 18 +).

Column 4 gives the number of persons that were served by each facility at the time the information was received.

Column 5, "Maximum Capacity", provides the maximum number of persons that can be served by a facility at a single time. Reported numbers were supplied by the institutions themselves. Strict application of this term could not be ensured, and therefore numbers may not be comparable to those of other institutions.

Column 6, gives the number of facilities, usually physical structures, that belong to a single institution. Mostly, the institution and the facility are one and the same, in which case the indicated number is 1. In some cases (such as

low cost housing), the number of facilities (in this case, the number of dwelling units provided) is higher than 1.

Column 7 gives the number of service providers per institution (e.g., 12 teachers in the Winnifred Stewart School). An attempt was made to define "service provider" as a professional directly involved with a client. However, reported numbers of service providers were supplied by administrative staff of the institution or facility in question, and the definitional problem mentioned for Column 5 applies here.

Column 8, "Standard Service Ratio", is the adopted standard ratio of persons served in the institution per one service provider (e.g., 12 mentally handicapped children per one teacher, in the Mayfield Early Education Project). This number is, therefore, an actual (rather than desired) ratio. In most cases, the Standard Service Ratio was provided by administrative staff of the institution/facility in question, and thus, the above definition problem applies here as well.

Columns 9, 10 and 11 are self-explanatory.

Information in Table 5.1 may be used in some cases in conjunction with the population forecasts in Chapter 4, in order to assess future needs for human services in the City. The assessment of future needs may be obtained by dividing the estimated future client population by the Standard Service Ratio.

For example, to estimate the number of service providers (teachers) that will be needed in 2001 for hearing/multiple handicapped children, the following procedure may be adopted:

- Assess current ratio of client population per <u>all</u> population in given age groups. For example, the number of persons in Edmonton (1984) in need of a

service identified as "education for hearing/multiple handicapped children" (client population) is assumed to be 126, and refers to ages 5-19 (Table 5.1). The number of all children in this age interval is estimated from Table 2.3 to be 115,000. The ratio, then, is 126/115,000 or 0.0011.

- Assess future client population. In this example, the number of persons in need of "education for hearing/multiple handicapped children" (5-19 years of age) in the year 2001 may be assessed as 0.0011 x 151,000 from (Table 4.17), or 165.

- Apply the Standard Service Ratio. In the above case there are 165/2.6, or at least 63 service providers (teachers for hearing/multiple handicapped children) in the year 2001.

The size and classification of the populations served, as reviewed here, provide a demographic evaluation of some important aspects of Edmonton human services. Along with actual population forecasts this evaluation serves as an indicator of the future needs of the population of Edmonton.

In the above definition and the sample application of the Standard Service Ratio the emphasis was on the social planning aspect of population needs. It is clear, however, that in order to meet those needs, physical planning implications are no less important. For example, in order to meet future needs of elementary education for children, we try to learn the number of needed classrooms (and schools) and thus also the requirement for land that follows from the increase or decrease in those education needs.

In this report no standards were used or set to reflect the relationship between human needs and spatial/physical requirements. However, should such relationships be quantitatively defined in the future, the Standard Service

Ratio could be modified to reflect spatial/physical requirements for human services.

TABLE 5.1

HUMAN SERVICES BY TYPE AND DEMOGRAPHIC CHARACTERISTICS, CITY OF EDMONTON, 1984

(Continued on next page)

Type of Service	Institution	Age of Population Served	Number of Persons Served	Maximum Capacity	Number of Facilities	Number of Service Providers	Standard Service Ratio	Date Info Taken	Comments	Source
	Private School	6-7	181					April 1984	Grade 1	Gary Baron Manager of Grants, Administration Alberta Education Devonian Building, West Tower 11160 - Jasper Avenue Gary Duthler Exec. Dir. of the Association of Independent Schools Ph: 471-1907
		7-8	170						Grade 2	
		8-9	173						Grade 3	
		9-10	172						Grade 4	
		10-11	157						Grade 5	
		11-12	175						Grade 6	
		12-13	150						Grade 7	
		13-14	203						Grade 8	
		14-15	166						Grade 9	
		15-16	262						Grade 10	
		16-17	174						Grade 11	
		17 +	215						Grade 12	
			174						Elem. Spec	
			83						Jr. Spec. Ed.	
			85						Sr. Spec. Ed.	
		6-17	2198	3500	17	168	25:1		Total	
Care for Mentally Handicapped Adults	Good Samaritan (Pineview Residence)	18 +	31	31	2	24	3:1	April 1984	Based on 3-8 Hr. shifts-average	Ann Marshall Director of Rehabilitation Services Ph: 489-4234
	Society for Knowledge in Learning Skills	2-65	68	68	5	45	2.5:1	Dec. 1982	2:1 Wkng. Hrs. 6:2 Evng. Hrs.	Paula Maclean Executive Director Ph: 451-4619
	Catholic Social Services (Handicapped Services)	18 +	140	145	7	32		April 1984	3:1 Res. Prog. 20:1 Outreach Program	Brian Jayawardana Resident Program Supervisor Ph: 432-1137
	Edmonton Association for the Mentally Retarded	18 +	24	24	2	17	4.24:1	Dec. 1982		Mr. Barney Benson Executive Director Ph: 453-6707

TABLE 5.1

HUMAN SERVICES BY TYPE AND DEMOGRAPHIC CHARACTERISTICS, CITY OF EDMONTON, 1984

(Continued on next page)

Type of Service	Institution	Age of Population Served	Number of Persons Served	Maximum Capacity	Number of Facilities	Number of Service Providers	Standard Service Ratio	Date Info Taken	Comments	Source
	L' Arche Association of Edmonton	18 +	16	16	2	5	5:3	Dec. 1982	Also beds for volunteers who live in.	Susan Zimmerman Director Ph: 465-0618
	Community Behavioral Services	18 +	3	3	1	6	1.5:1	Dec. 1982	Also handles children (see separate category)	Larry McDonald Director Ph: 427-2065
	Lauderdale House	18 +	6	6	1	9	0.66:1	Jan. 1983		Mrs. M. Holdgrafer Co-ordinator Association for Hearing Handicapped 11342 - 127 Street Ph: 454-9581 Lauderdale House 13035 - 102 Street Supervisor - Len Mitchell
	Winnifred Stewart School	18-24	83	0	1	12	8:1	April 1984	10 Full-time Teachers, 10 Day-assistants	Lesley Sonnen Principal Winnifred Stewart School 11130 - 131 Street Ph: 453-2391
	Cerwood Enterprises	18 +	46	46	1	6	8:1	April 1984		Janet Debeurs Manager Cerwood Enterprises 42 Airport Road Ph: 452-0687

TABLE 5.1

HUMAN SERVICES BY TYPE AND DEMOGRAPHIC CHARACTERISTICS, CITY OF EDMONTON, 1984

(Continued on next page)

Type of Service	Institution	Age of Population Served	Number of Persons Served	Maximum Capacity	Number of Facilities	Number of Service Providers	Standard Service Ratio	Date Info Taken	Comments	Source
	Social Services and Community Health Resources for the Dependent Handicapped	18-65	32	33	1	11	3:1	Dec. 1982		Kathy Ellis Program Supervisor Vocational Training Services Resources for Dependent Handicapped 17505 - 106 Avenue Ph: 422-4357
Care for Mentally Handicapped Children	Catholic Social Services (Handicapped Services)	0-17	6	6	1	13	3:1	April 1984		Brian Jayawardana Residential Prog. Supervisor Based on 3-8 Hr. shifts
	Family Home Programme	0-17	25	33	11	23	1.08:1	Dec. 1982		Mr. Richard Ouellet Co-ordinator Social Service and Community Health Ph: 427-2753
	Foster Care	0-17	150	150	90	182	0.83:1	Dec. 1982		Mr. Richard Ouellet Co-ordinator Social Service and Community Health Ph: 427-2753
	Community Behavioral Services	3-17 18 +	10 3	10 3	3	13	3.5:2	April 1984		Dr. Larry MacDonald Director Ph: 427-2065
	Mayfield Early Education Project	0-12	217	178	1	14	12:1	Dec. 1982		Jean Harvey Principal Mayfield Early Education Project 10950 - 159 Street Ph: 484-5770

TABLE 5.1

HUMAN SERVICES BY TYPE AND DEMOGRAPHIC CHARACTERISTICS, CITY OF EDMONTON, 1984

(Continued on next page)

Type of Service	Institution	Age of Population Served	Number of Persons Served	Maximum Capacity	Number of Facilities	Number of Service Providers	Standard Service Ratio	Date Info Taken	Comments	Source
Care for Physically Handicapped Adults	Catholic Social Services (Handicapped Services)	18 + 0-17	6 7	6 7	1 1	12 8	10:3 10:3	Dec. 1982		Brian Jayawardana Residential Prog. Supervisor Ph: 432-1137
Care for Physically Handicapped Children	Rosecrest Home (Permanent)	4-5	36	36	1	36	5:1	April 1984	Residences are in operation 24 hrs. Ratios calculated according to 3-8 hr. shifts.	Jan Walsh Ph: 427-0927
	Rosecrest Home (Relief)	4-5	3	4				Dec. 1982		
Care for Multiple Handicapped Children/Adults	Erick Cormack Centre	4 +	89	92	1	118		April 1984	89 Clients/Day 2 Relief Clients/Day. Residences in operation 24 hrs. ratios vary according to shift. 8 hr. shifts.	Cynthia Henituik Business Manager Ph: 427-2764
Care for Mentally and Physically Handicapped Adults	Goodwill Continuing Education	16 +	100	100	1	22	6:1	April 1984		Ute Korte Social Worker Goodwill Continuing Education 15420 - 105 Avenue Ph: 426-2255
Education for Mentally and Physically Handicapped Adults	Western Industrial Research and Training Centre	16 +	325	325	2	33	14:1	April 1984		Anne Marie Harris West Industrial Research Training Centre 13325 - St. Albert Trail Ph: 454-9656

TABLE 5.1

HUMAN SERVICES BY TYPE AND DEMOGRAPHIC CHARACTERISTICS, CITY OF EDMONTON, 1984

(Continued on next page)

Type of Service	Institution	Age of Population Served	Number of Persons Served	Maximum Capacity	Number of Facilities	Number of Service Providers	Standard Service Ratio	Date Info Taken	Comments	Source
Education for Mentally and Physically Handicapped Children	Elves Memorial Child Development Centre	2-18	75	75	1	22	4:1	April 1984		Agnes Janz Admin. Assistant Elves Memorial Child Care Development 10825 - 142 Street Ph: 426-2255
Education for Physically Handicapped Adults	Community Enrichment Program (Grant MacEwan College)	18 +	20	20	1	4		Dec. 1982		Raylene Manolescu, Supervisor Community Enrichment Project Grant MacEwan College 11728 - Kingsway Avenue Ph: 452-3033
Education for Hearing Impaired Children	Association for the Hearing Handicapped	0-6	43	18	1	5	4:1	Jan. 1983		Mrs. M. Holdgrafer, Co-ordinator Association for the Hearing Handicapped 11342 - 127 Street Ph: 454-9581
Education for Hearing Handicapped Adults	Alberta College	18 + 6 +	23 200	30	1	5	8:1	April 1984		Dennis Loyer Day School Co-ordinator Alberta College 10041 - 101 Street Ph: 428-1851
Rehabilitation for Sight Handicapped Adults	The Canadian National Institute for the Blind	0 +	1008		1	23	1:1	April 1984		Beckie Garber-Conrad Community Relations Co-ordinator CNIB 12010 - Jasper Avenue Ph: 488-4871

TABLE 5.1

HUMAN SERVICES BY TYPE AND DEMOGRAPHIC CHARACTERISTICS, CITY OF EDMONTON, 1984

(Continued on next page)

Type of Service	Institution	Age of Population Served	Number of Persons Served	Maximum Capacity	Number of Facilities	Number of Service Providers	Standard Service Ratio	Date Info Taken	Comments	Source
Education for Hearing/Sight Handicapped Children	Evelyn Unger School for Language and Learning	4-6	133	133	2	33	4:1	April 1984		Evelyn Unger School for Language and Learning 10419 - 159 Street Ph: 489-4178
Education for Hearing/Multiple Handicapped Children	Alberta School for the Deaf	5-19	126	145	1	47	2.6:1	April 1984	Includes residence that accommodates 58 students and 10 day students outside city.	6755 - 88 Street Ph: 465-5327 W. H. Panteluk Business Manager Alberta School for the Deaf 6242 - 113 Street Ph: 434-2371
Rehabilitation Services	Catholic Social Services	6-17 18+	13 153	13 153	2 11	25 63		April 1984		Brian Jayawardana Resident Program Supervisor Ph: 432-1137
Auxiliary Hospitals	Allen Gray Hospital	18 +	52	52	1	60		April 1984		Mrs. Lamb Financial Officer Allen Gray Auxiliary Hospital 7510 - 89 Street Ph: 469-2371
	Good Samaritan (Pineview Residence)	6 +	200	200	1	200		April 1984		Mr. Lymer Vice-President Good Samaritan Auxiliary Hospital 9649 - 71 Avenue Ph: 439-6381

TABLE 5.1

HUMAN SERVICES BY TYPE AND DEMOGRAPHIC CHARACTERISTICS, CITY OF EDMONTON, 1984

(Continued on next page)

Type of Service	Institution	Age of Population Served	Number of Persons Served	Maximum Capacity	Number of Facilities	Number of Service Providers	Standard Service Ratio	Date Info Taken	Comments	Source
	St. Joseph's Hospital	18 +	193	198	1	132		April 1984		Mr. Ray Pinkoski Administrator St. Josephs Auxiliary Hospital 10722 - 82 Avenue Ph: 433-5831
Extended Care	Grandview Extended Care Centre	18 +	196	200	1	195		April 1984		Mrs. Joyce Johnson Director of Nursing Grandview Extended Care Centre 6215 - 124 Street Ph: 436-4131
Extended Care and Integrated Nursing Home	Lynnwood Extended Care Centre	18 +	322	322	1	150		April 1984		Mr. W. M. Dunlop Unit Administrator Lynnwood Extended Care Centre 8740 - 165 Street Ph: 483-1515
Hospitals with Extended Care and Integrated Nursing Homes	Norwood Extended Care Centre	18 +	366	366	1	170		April 1984	225 Nursing Home, 141 Auxiliary	Mrs. Sue Nassy Director of Nursing Norwood Extended Care Centre 10611 - Kingsway Avenue Ph: 474-5441
	Dickensfield Extended Care Centre	18 +	300	300	1	280		April 1984	100 Nursing Home, 200 Auxiliary	D. Eberly Unit Administrator Dickensfield Extended Care Centre 14225 - 94 Street Ph: 478-9221

TABLE 5.1

HUMAN SERVICES BY TYPE AND DEMOGRAPHIC CHARACTERISTICS, CITY OF EDMONTON, 1984

(Continued on next page)

Type of Service	Institution	Age of Population Served	Number of Persons Served	Maximum Capacity	Number of Facilities	Number of Service Providers	Standard Service Ratio	Date Info Taken	Comments	Source
Mental Hospitals	Alberta Hospital/Edmonton -Oliver	All ages	588	648	1	568		April 1984	Admissions 139, Forensic 107, Rehabilitation 138, Geriatrics 204	Mrs. Seaburg Director of Nursing Geriatric Section Alberta Hospital Edmonton-Oliver Ph: 973-2361
General Hospitals	Cross Cancer Institute	0 +	31863	76	1	49		April 1984	In-patients - 2427, Day Care patients -4207, Out-patients -25229 49 Wards, 4 Day Care	Mrs. Dundas Assistant to Director Cross Cancer Institute 11560 University Avenue Ph: 432-8778
	Edmonton General Hospital	0 +	680	799	1			April 1984		Miss Prefontaine Vice President, Nursing General Hospital 11111 - Jasper Avenue Ph: 482-8028
	Glenrose Provincial Hospital	0 +		309	1	565		April 1984	In-patients - 288, outpatients -211	Miss C. Roemer Assistant Exec. Director of Patient Care Service Glenrose Provincial Hospital 10230 - 111 Avenue Ph: 471-2262
	Royal Alexandra Hospital	0 +	0	934	3	2691		April 1984	Avg. No. of persons served/day 772.85	Joanna Pawlyshyn Manager Supply Services Royal Alexandra Hospital 10240 Kingsway Avenue Ph: 477-9607

TABLE 5.1

HUMAN SERVICES BY TYPE AND DEMOGRAPHIC CHARACTERISTICS, CITY OF EDMONTON, 1984

(Continued on next page)

Type of Service	Institution	Age of Population Served	Number of Persons Served	Maximum Capacity	Number of Facilities	Number of Service Providers	Standard Service Ratio	Date Info Taken	Comments	Source
	University of Alberta Hospital	0 +		0	8	5000		April 1984	In-patients -28881, Emerg. patients - 103221, outpatients - 29293	Hugh F. Tadman Director Public Relations University of Alberta Hospital 8440 - 112 Street Ph: 432-8811
	Misericordia Hospital	0 +		558	1			April 1984		Ms. P. Chalifoux Vice-President Nursing Practice
	Charles Camsell Hospital	0 +		365	1	753		April 1984	Admissions 11148, Ambulatory Care Visits 86716	Miss Jean Newman Association Administrator Charles Camsell Hospital 12815 - 115 Avenue Ph: 453-5539
Low Cost Housing	Edmonton Housing Authority (Community Housing)	0 +	3814	4181	4213	56	75:1	April 1984		Mrs. R. McLean Manager, Allocations and Planning Edmonton Housing Authority 10829 - 105 Avenue T5H 0K9 Ph: 420-6161
	Greater Edmonton Foundation (Senior Citizen Lodge Program)	65 +	557	767	767			April 1984		Mr. J. W. Ritchie Greater Edmonton Foundation 10330 - 102 Street PH: 482-6561

TABLE 5.1

HUMAN SERVICES BY TYPE AND DEMOGRAPHIC CHARACTERISTICS, CITY OF EDMONTON, 1984

(Continued on next page)

Type of Service	Institution	Age of Population Served	Number of Persons Served	Maximum Capacity	Number of Facilities	Number of Service Providers	Standard Service Ratio	Date Info Taken	Comments	Source
	Alberta Home Mortgage (Core Incentive Housing Program)	0 +	10125	10125				April 1984		Mr. D. Edey, Manager, Program Development Alberta Home Mortgage 500, 10050 - 112 Street Ph: 482-7151
	Alberta Housing Corporation (Senior Citizen Self Contained Housing Program)	60 +	4356	6920	3960	50		April 1984	383 units under construction	Mr. Bjarne Pederson Alberta Housing Corporation 9405 - 50 Street Ph: 468-3666
	Alberta Housing Corporation (One Third Capital Grant Program)	60 +	1172	1802	901	11	1.3:1	April 1984		Mr. Bjarne Pederson Alberta Housing Corporation 9405 - 50 Street Ph: 468-3666
	CMHC (Private Housing Non-Profit Program)		1000	1000	1000			Dec. 1982	No Construction Planned	Mel Stang C.M.H.C. 12315 - Stony Plain Road Ph: 428-3431
	CMHC (Limited Dividend Housing Program)		4013	4013	4013			Dec. 1982	Program Discontinued in 1975	Mel Stang C.M.H.C. 12315 - Stony Plain Road Ph: 428-3431

TABLE 5.1

HUMAN SERVICES BY TYPE AND DEMOGRAPHIC CHARACTERISTICS, CITY OF EDMONTON, 1984

(Continued on next page)

Type of Service	Institution	Age of Population Served	Number of Persons Served	Maximum Capacity	Number of Facilities	Number of Service Providers	Standard Service Ratio	Date Info Taken	Comments	Source
	CMHC (Non-Profit Cooperative Housing Program)		533	533	533			Dec. 1982	Additional 39 units planned	Mel Stang C.M.H.C. 12315 - Stony Plain Road Ph: 428-3431
	Edmonton Non-Profit Housing Corporation		497	875	875	18		April 1984		D. A. McCullagh Management Director, Edmonton Non-Profit Housing Corporation 912 Centennial Building 10015 - 103 Avenue T5J 0H1 Ph: 428-2892
Medical Service	Edmonton Local Board of Health		551000		20	292	1886:1	Dec. 1982		Joy Edwards Research Officer Edmonton Local Board of Health 7th Floor, CN Tower Ph: 428-3124
		All ages	4823		13	7.5		April 1984	11 Regional Public Health Clinics 2 Speciality Clinics	Ruth Wolfe, Research and Planning E.L.B.H., 7th Flr. CN Tower Ph: 428-3069
Nursing Services	Edmonton Local Board of Health	All ages	102994		13	1500	1:3600	April 1984	Data for 1982	
Mental Health	Edmonton Local Board of Health	All ages	4839			12		April 1984		

TABLE 5.1

HUMAN SERVICES BY TYPE AND DEMOGRAPHIC CHARACTERISTICS, CITY OF EDMONTON, 1984

(Concluded on next page)

Type of Service	Institution	Age of Population Served	Number of Persons Served	Maximum Capacity	Number of Facilities	Number of Service Providers	Standard Service Ratio	Date Info Taken	Comments	Source
Dental Health Services	Edmonton Local Board of Health	4-17	100363		11		1:36,00	April 1984	4.2 Dentists 18.1 Dental Hygienists 19 Dental Assistants	
Nutrition Services	Edmonton Local Board of Health	All ages				4		April 1984	1368 Consultants 85 Educational Events	
Speech & Language Services	Edmonton Local Board of Health	All ages	1531		11	10		April 1984		
Home Care Program	Edmonton Local Board of Health	All ages	3073		3	39		April 1984		
Environmental Health Services	Edmonton Local Board of Health					29		April 1984	33926 Inspections, 2692 Investigations, 17 Prosecutions	
Child Care	Day Care Centres	0-5	5100	6651	164		6:1	April 1984		Mrs. M. Lynas Day Care Branch Alberta Social Services and Community Health 7th Floor, South Street Plaza 10030 - 107 Street T5J 3E4 Phs 427-4477
	After School Care Centres	6-12		1593	67					
	Nursery Schools	0-5		2346	111		10:1			

TABLE 5.1

HUMAN SERVICES BY TYPE AND DEMOGRAPHIC CHARACTERISTICS, CITY OF EDMONTON, 1984

(Concluded)

Type of Service	Institution	Age of Population Served	Number of Persons Served	Maximum Capacity	Number of Facilities	Number of Service Providers	Standard Service Ratio	Date Info Taken	Comments	Source
	Family Day Homes	0-5		38	6		6:1			
	Satellite Family Day Home Agencies	0-5	778		12		3:1	April 1984		
Police and Protection of Public	Police Stations		551000		4	1137	485:1	Dec. 1982	Trnto 81-395:1 Mntrl 81-374:1	Constable Duggan Planning Section City of Edmonton Police Department 9620 - 103A Avenue Ph: 421-3474
Library Services	Libraries		264749	300000	17	211	1188:1	April 1984		Mr. Rowe Administration Manager Edmonton Public Library Ph: 423-2331, Ext. 306 (Bruce Gajevski - Budget)

APPENDIX

Demographic Parameters

P Exact notation is P(x) or ${}_nP_x$, the number of persons (males or females) between ages x and x + n. Thus, for example, ${}_4P_5$ in Table 2.6 denotes 18,280 males (third line, Column P).

D Exact notation is D(x) or ${}_nD_x$, the number of persons dying between ages x and x + n. For example, ${}_5D_{15}$ in Table 2.6 is the registered number (15) of all males who died in Edmonton between the age 15 and 19 in a single year (1983).

q(x) Another notation is ${}_nq_x$, the probability of dying for an individual of exact age x, between reaching age x + n. For example, ${}_5q_{15}$ in Table 2.6 is 0.003609.

$$q(x) = \frac{D(x)}{P(x) + \frac{1}{2} D(x)}$$

l(x) Or l_x, number of persons surviving to exact age x out of 100,000 born. The quantity is set to 100,000, and for all subsequent x,

$$l_x = l_{x-n} (1 - {}_nq_{x-n})$$

In Table 2.6,

$$l_{15} = l_{10} (1 - {}_5q_{10}) = 98,367 \times 0.0022 = 98,151$$

d(x) Or ndx, number dying between ages x and x + n out of 100,000 born:

$$ {}_nd_x = l_x \, {}_nq_x $$

In Table 2.6,

$$ {}_5d_{15} = l_{15} \; {}_5q_{15} = 98{,}151 \times 0.003609 = 354 $$

The total number of deaths each year in this model population is 100,000. This theoretical population with equal number of births and deaths is referred to as the 'stationary population'.

L(x) Or ${}_nL_x$, total years lived between ages x and x + n in the stationary population:

$$ {}_nL_x \doteq \frac{n}{2} (l_x + l_{x+n}). $$

In Table 2.6,

$$ {}_5L_{15} \doteq \frac{5}{2} (l_{15} + l_{20}) = 2.5 \, (98{,}151 + 97{,}797) = 489{,}870 $$

(The computer program LIFE which computed the life tables 2.6 and 2.7 uses somewhat more precise procedure; the corresponding value was computed as 489,946).

Based on the values ${}_nL_x$ for all ages x after a given age to the end of the life table, we may calculate the total number of years to be lived beyond age x, in the stationary population.

Let T_x be the total number of years to be lived in the stationary population after age x. Then:

$$T_x = {}_nL_x + {}_nL_{x+n} + {}_nL_{x+2n} + {}_xL_{x+3n}^{+} \cdots$$

e(x) Or e_x, expectation of life at age x. This quantity is the average number of years to be lived by those who reached age x:

$$e_x = \frac{T_x}{l_x}$$

The expectation of life at age 15 for Edmonton males, from Table 2.6, is 59.724 years.

B Or ${}_nB_x$, number of births in 1 year to women aged x to x + n. In Table 2.10, 3,447 births occurred to women aged 20-24, in 1983.

Age-specific birth-rate - Denoted ${}_nF_x$, the average number of live births occurring in 1 year to a woman aged x to x + n. In Table 2.10, the age-specific birth-rate for women in Edmonton, aged 20-24, was 0.08994.

Sex-age-specific birth-rate - Average number of live female births occurring in 1 year to a woman aged x to x + n. In Table 2.10, the sex-age-specific birth-rate for women in Edmonton, aged 20-24 was 0.04341.

Net-maternity function - Denoted as ${}_n\Phi_x$, the average number of live births that will occur in n years to a newborn female if she survives to age x to x + n.

$${}_n\Phi_x = {}_nL_x \, {}_nF_x / l_o$$